

**Division of Health  
Annual Report  
Newark  
1970**



**Department of Health and Welfare  
Newark, N. J.**



DEPARTMENT OF HEALTH & WELFARE

Director - Mrs. Larrie W. Stalks 1/1 - 6/30/70

Director - Armand E. Lembo 7/1 - 12/31/70

DIVISION OF HEALTH

Newark, New Jersey

Health Officer - Aaron H. Haskin, M.D., M.P.H.

Phys. & Asst. Health Officer - Michael J. Fratanuto, M.D.

Asst. Health Officer - Carl Cordasco, B.S., Ph.G.

GENERAL SERVICES

ADMINISTRATION

HEALTH EDUCATION

AUDIO-VISUAL AIDS

VITAL STATISTICS

PUBLIC HEALTH LABORATORIES

Serological

Chemical

Bacteriological

Aaron H. Haskin, M.D., M.P.H., Health Officer

Peggy Boone, Health Educator

Wesley D. Jones, Supervisor

Nathan Hershkowitz, Supervisor

Frank Ciasulli, Chief Supervisor

Meyer Levy, B.S., Chief Serologist

Sara Rothberg, B.A., Chief Chemist

Guido Petrucelli, B.A.

MEDICAL AND DENTAL BUREAU HEADS

CHILD HYGIENE - William Spinosa, M.D.

CHEST DISEASES - John H. Alcamo, M.D.

VENEREAL DISEASES - Nicholas Del Deo, M.D.

DISPENSARY - M. J. Fratanuto, M.D.

DENTAL - Harold R. Harlan, D.D.S.

CONTAGION - Michael J. Fratanuto, M.D.

CHIEF PHARMACIST

Nicholas Schlimbracco

CHIEF VETERINARIAN

John Devine, D.V.S.

SUPERVISING CHIEF INSPECTORS

ENV. SANITATION ..... Edward A. Smith

CONTAGION ..... Alfred Giordano

FOOD & DRUG ..... Michael Carson

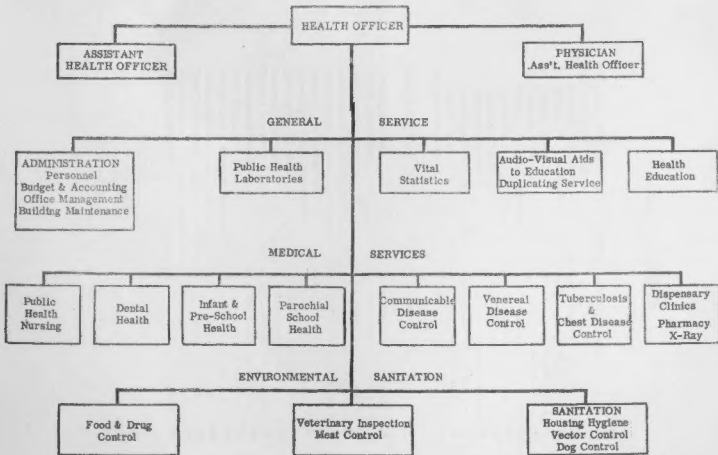
MEAT INSPECTION ..... Joseph Hearl

PUBLIC HEALTH NURSING SERVICE

DIRECTOR ..... Mary Hoban, R.N., M.A.

ASST. DIRECTOR ..... Petrina Livecchi, R.N., B.S.M.S.







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## WHAT YOUR HEALTH BUDGET PURCHASES

Some people do not realize the many valuable services paid for by the Health Division Budget. Too often it is felt that we merely investigate neighborhood nuisances. Following is some of the work made possible by our budget.

NOT ONLY - Environmental sanitation, dog licensing and rabies control, infant boarding home supervision; computation and study of vital statistics

### ALSO

- 1- Medical Care Approximately 25% of our budget is spent to provide clinic treatments, free medication, physician home visits and nurse home visits, to those individuals who are unable to provide adequate medical care for themselves, or their families, through private medical facilities.
- 2- Disease Control and Prevention Frequent case-finding programs are conducted for early detection of Tuberculosis and Syphilis. X-ray screening and Tuberculin Testing are two measures used most extensively at this time for finding, and thus providing early treatment for unsuspected Tuberculosis cases. The public is encouraged to take advantage of free blood test programs which are conducted routinely for the purpose of diagnosing early syphilis.  
During the year 1970, our eminently successful campaign was continued against Diphtheria, Whooping Cough, Tetanus, Poliomyelitis, measles, German measles and for vaccination against Smallpox. The Parochial Schools Bureau, through the co-operation of the Superintendent of Archdiocesan Schools, requires all new students whether enrolling for the first school grade, or transferring into this school, to have full immunization prior to admission.
- 3- Supervision for Healthy Babies Monthly visits are made by nurses to instruct mothers as to the proper care for babies, including visits to baby stations or to private pediatricians. The home visit includes discussions of behavior problems which require prompt attention if we wish to guard against possible abnormal mental development in later life.
- 4- Parochial School Health Program Secure and maintain for each individual child the greatest measure of good health, conduct health education programs with individual parents and through P.T.A. conferences, faculty conferences, health talks, and films for the teacher and students, and to continue to educate the general public through referrals to community agencies for all who request assistance. This work is conducted by the Board of Education in public schools.
- 5- Children's Dental Care Program Free dental treatment is provided for an approximate total of 9,600 public and parochial school children who are eligible to receive it. This service is offered at the main building of the Health Division and in nine neighborhood clinics throughout the city.
- 6- Food Inspection Secure maximum sanitation methods for the preparation, display, and serving of foods, and of the food establishment.
- 7- Hay Fever Control: Through weed extermination,

## HEALTH OFFICER'S REPORT - 1970

Newark, New Jersey

To: Hon. Kenneth A. Gibson, Mayor - Members of the City Council  
Attn: Director Armand E. Lembo, and Citizens of Newark, New Jersey

### GENERAL MORTALITY

The adjusted general mortality rate has increased from 7.7 per M in 1969 based on estimated population of 400,000, to 7.9 per M in 1970. However, Heart Disease and Cancer still are our greatest killers and much work still has to be done in the field of Chronic Disease Control.

### TUBERCULOSIS MORTALITY

As a result of the increased efforts in case finding and close supervision of contacts and better reporting of active cases, there was a decrease in numbers of new cases from 282 in 1969 to 275 in 1970 - mortality increased from 5.0 in 1969 to 6.0 in 1970.

### INFANT MORTALITY

Infant mortality showed a slight increase from 28.9 in 1969 to 29.1 in 1970. However, it should be noted that while congenital debility and prematurity are still the greatest causes of death under 1 year of age, the actual numbers have decreased slightly. This is an encouraging sign because prior to 1966 these numbers were increasing. Apparently prenatal services are beginning to show results.

### INFANT DEATHS BY AGE GROUPS

YEAR	TOTAL	UNDER	UNDER	OVER 1 WK.			
		1 YEAR	1 MO.	& UNDER 1 MONTH	UNDER 1 WEEK	NEXT 6 DAYS	UNDER 1 DAY
1966	389	107	282	38	244	125	119
1967	412	86	324	37	287	98	189
1968	374	101	273	38	235	86	149
1969	326	111	215	30	185	67	118
1970	331	92	239	36	223	94	129

# INFANT LEATHS

## PLACE OF DEATH BY AGE GROUPS

	<u>1970</u>								<u>1969</u>							
<u>INSTITUTION</u>	<u>TOTALS</u>	<u>UNDER 1 YEAR</u>	<u>UNDER 1 MONTH</u>	<u>OVER 1 WEEK AND UNDER 1 MO.</u>	<u>UNDER 1 WEEK</u>	<u>NEXT 6 DAYS</u>	<u>UNDER 1 DAY</u>		<u>TOTALS</u>	<u>UNDER 1 YEAR</u>	<u>UNDER 1 MONTH</u>	<u>OVER 1 WEEK AND UNDER 1 MO.</u>	<u>UNDER 1 WEEK</u>	<u>NEXT 6 DAYS</u>	<u>UNDER 1 DAY</u>	
City	155	36	119	16	103	46	57		139	37	102	14	88	34	54	
Babies'	38	16	22	9	13	6	7		28	11	17	6	11	9	2	
Beth Israel	48	6	42	2	40	18	22		63	16	47	5	42	13	29	
Columbus	9	0	9	0	9	4	5		6	0	6	1	5	2	3	
Presbyterian	20	7	13	2	11	3	8		17	1	16	0	16	3	13	
St. James	22	2	21	3	8	7	11		11	0	11	0	11	0	11	
St. Michael's	42	12	30	2	28	9	19		36	22	14	3	11	5	6	
HOME	17	14	3	2	1	1	0		26	24	2	1	1	1	0	
GRAND TOTALS	351	92	259	36	223	94	129		326	111	215	30	185	67	118	

## VENEREAL DISEASES

Our venereal disease program is continuing vigorously. New syphilis patients have increased from 41 in 1969 to 612 in '70, a very significant measure of the effectiveness of our program, namely, early diagnosis and early treatment to prevent its spread. Gonorrhea has also increased. This is due to the more effective follow-up of contacts.

## MEDICAL CARE OF THE SICK

The Health Division provides medical care to all residents who are indigent. Approximately 25% of the budget is used for this purpose. In addition to diagnostic procedures, medications are prescribed and prescriptions are filled. Treatments are provided in the various clinics. It is interesting to note that the number of patients' visits to the therapeutic clinics in the City Dispensary continued to drop from 19,425 in 1969 to 17,161 in 1970 and prescriptions filled have increased from 43,840 in 1969 to 44,065 in 1970. The drop in patient visits was due to the medication and treatment programs initiated at the establishment of community health centers at the University Medical Center, Newark Home and Dentistry. The increase in prescriptions filled is due to our pharmacy continuing to fill prescriptions for the patients attending outside clinics.

HEPATITIS - This disease again ran relatively heavy and involved the 15 - 35 age group more than others. There were 414 cases in 1970, an increase of 216 over those of 1969.

## BIRTHS

There were 3,295 live births or a crude birth rate of 24.9 per thousand. Being a hospital city, we had 1,595 non-resident births; subtracting this, we have 1,700 live births or an adjusted birth rate of 23.8 per thousand, also there were 3,295 dark births that took place out of town. Although, more of a social than a public health problem, the rate of births out of wedlock is startling. Of the 3,295 births out of wedlock, 3,156 were Newark babies, which is a rate of 33.1 per M live births, over 33.1 per M live births were reported births out of wedlock.

## HEART DISEASE

The major cause of mortality is due to Heart Disease, with 1,673 deaths in 1970, a decrease compared with 1,709 deaths in 1969. There can be no doubt that the increase in recent years is due to the increased life span.

## MATERNAL MORTALITY

There were 1,946 babies, plus 187 still-births. Maternal mortality has decreased since the Medical Society formed a Maternal Welfare Committee to cooperate in this work with us some twenty-five years ago.

## HEALTH EDUCATION

Our Health Education Bureau has been in full operation for the past three years and has made great strides in uplifting the health standards of the community. The multi-phasic screening programs are continuing to have a greater effect on the local communities in which the programs are held and are an important educational medium to acquaint the citizens with their physical defects and to bring them to proper treatment.

A more detailed description of the Health Education Bureau will be found in another section of this annual report.

## GENERAL SERVICES

### ADMINISTRATION

The Administrative Bureau coordinates all the activities of the Health Division, under the direct supervision of the Health Officer. This includes Accounting and Budgeting, Personnel Records and Assignments, general correspondence, special projects, Building Maintenance, Cleaning and Heating. In addition, the executive staff functions as a "clearing house" for the many daily inquiries that come in by letter, telephone and personal inquiry, as well as editing the annual Health Department report.

**Audio Visual Service.** This service while being an integral part of the Bureau of Health Education is responsible for a number of specific functions including the scheduling and programming of food handlers' classes, preparation of audio-visual aids, utilization and maintenance of projection and sound equipment, control of all stationery supplies for the Division of Health, and the reproduction and printing of all forms and other printed materials used within the Division.

Food Handlers' classes are conducted for training restaurant workers in the proper and sanitary handling of food. Attendance is required by City Ordinance.

The course of instruction includes lectures by staff doctors and inspectors, supplemented by slides and recordings to further illustrate the material. More than 21,000 people have had 3 years or more of orientation in modern methods of handling and storage of food since this program was instituted in 1949.

When special mass immunization programs are conducted, such as polio or influenza, the A-V Service provides a fully equipped sound truck for broadcasting in the street. An appropriate message is pre-recorded and played back on a tape recorder from the mobile unit.

The A-V Service is responsible for designing all stationary forms, booklets, reports, leaflets, etc. All specifications are drawn in this office and it handles all budgeting details in this connection. Great savings are effected by being able to reproduce office forms, leaflets, and other printed material within the organization. Only printing which cannot be done economically in the Bureau, or would be otherwise restricted by policy, is procured by contract with outside firms.

The great value of this service lies in its accessibility to the rest of the Division of Health. The close collaboration afforded by this arrangement permits users of the A-V Service to express their exact needs on a personal contact basis, thus providing faster and more complete service.



# FINANCIAL STATEMENTS

1969

1970

Personal Services  
(Salaries) 415 Employees \$2,626,645.00  
Other than Personal Services 226,934.00  
Total \$2,853,579.00

Personal Services  
(Salaries) 389 Employees \$2,427,047.00  
Other than Personal Services 199,785.00  
\$2,626,832.00

## TYPE OF EXPENDITURES (other than salaries)

	<u>1969</u>	<u>1970</u>
Dr. Home Calls	77.00	-
Nurses' Calls V.N.A.	-	-
Drugs-Clinic Supps.	60,615.00	56,115.00
Lab. & Dental Equip. & Supplies	13,000.00	9,500.00
X-Ray Film Service	14,375.00	12,850.00
Tele Service	16,780.00	16,780.00
Postage	3,538.00	3,538.00
Polio & Flu Vaccine	1,000.00	1,000.00

	<u>1969</u>	<u>1970</u>
In-Service Training	-	-
Carfare-Travel Allow.	29,700.00	29,495.00
Milk-Food Samples	200.00	200.00
Cleaning Hith Stats.	6,500.00	5,300.00
Furn. & Clinic Equip.	10,313.00	-
Light & Heat	12,500.00	12,500.00
Rent Annex & Stats.	14,650.00	14,150.00
Printing-Stationery	15,430.00	13,780.00
Miscellaneous	28,256.00	24,577.00
Totals	\$226,934.00	\$199,785.00

## RECEIPTS

Notes: These receipts are deposited with the City as Misc'l. receipts and are not reflected in our Budget.

Permits  
Chicken, Animal, etc. 27.00

Licenses  
Ice Wagons 36.00  
Meat Jobbers 2,010.00  
Refuse Trucks 66.00  
Milk Store-Del. 3,449.00  
Meat Plants 2,700.00  
Live Poultry 280.00  
RX Bottle Money (Sales) 110.12  
Telco Refunds 45.06  
Newark TB Epi Project 975.00  
Miscellaneous 112.20  
Fees-Birth, Death & Marriage records, Permits & transit 75,117.00  
\$84,927.38

## DOG CONTROL ACCOUNT

A separate "Dog Control Account" is also kept. Dog License receipts maintain the fund which pays all cost except salaries, such as dog trucks, rabies - vaccinations fees and equipment.

Balance on Jan. 1, 1970 4,385.00  
Transfer from Dog Control Act 10,000.00  
14,385.00

Disbursements  
State Fees 4,289.00  
Shelter Rent 2,925.00  
Vaccinations 442.50  
Stationery-Printing 368.10  
Miscellaneous 1,529.08  
Balance on hand 12/31/70 9,552.68  
7,831.32

Receipts Collected - 1970  
8,578 Dog Licenses 34,312.00  
20 Dogs Redeemed 100.00  
4 Pet Shop Licenses 40.00  
4 Kennel Licenses 70.00  
Total 1970 Receipts 34,522.00

## DAIRY INSPECTION ACCOUNT

A separate "Dairy Inspection Account" is also kept for cost out-of-town inspections. Dealers pay such cost as travel, hotel, meals, etc. They maintain a balance at all times.

Expended 1969  
\$35,258.88

Expended 1970  
\$27,420.38

Balance on hand Jan. 1, 1971 ..... \$31,732.00

## HEALTH EDUCATION

Percy J. Moore,  
Health Educator.

The ultimate goal of the Health Education Bureau is to

### Bureau:

- A. To create a healthful environment and atmosphere in which Newark residents may develop physically, mentally and socially and in which they may learn to live more happily as health-minded citizens in their personal lives, in their homes, in their communities.
- B. To provide means whereby administrators and other personnel may operate more effectively for the total health of all.
- C. To safeguard the health of individuals through the prevention of communicable diseases.
- D. To educate the public, so that they may be able to:
  - 1. Live in good physical and emotional condition.
  - 2. Recognize deviations from the normal, and
  - 3. Will know when and how to seek expert assistance to meet their health needs.
- E. To provide scientific knowledge through a well-integrated plan of health education, so the public will be able to evaluate pseudo-scientific reports and advertising campaigns regarding health and disease nostrums.
- F. To develop a working arrangement among community leaders to promote a single policy of healthful living in the Newark community.

### GENERAL PURPOSES OF THE BUREAU:

#### Conference

The Health Education Bureau assisted in providing an Education/Screening Program for the Senior Citizen's

Commission. Out of a total of seventy-nine screenees, ten were found to be primary positive. All of these positive screenees are either under the medical supervision of a clinic or their private physician.

#### High School Drug Abuse Program:

The Bureau established a panel discussion at the Cleveland Street School. Members of the panel consisted of a renowned medical expert on drugs, health educator, an ex-addict, and a high school student.

#### March on Drugs and Rally:

As a part of its drug abuse program, the Health Education Bureau made plans to have a March On Drugs and Rally. Some of the major objectives were:

1. To increase public support from concerned citizens.
2. To awaken parents to the dangers their children face in our city in regards to the drug abuse program, with the hope that they will assume a leadership role in combating this serious dilemma.
3. To encourage citizens and other organizations who are concerned about public health to direct their extra energies toward constructive activities which will improve our community, rather than perpetuate this cancerous element that is causing the deterioration of our city; and-
4. To inform the public that the ultimate goal of this Agency is to implement programs that will reduce health problems. The March and Rally was scheduled for November 11, 1970; however, due to inclement weather, it was postponed until some time during the Spring of '71.

#### Prenatal Club:

A Prenatal Club was established in Scudder Homes, one of Newark's Housing Projects. The "Club" was arranged in the form of an informal coffee hour, with speakers, films, exhibits and group discussions.

#### Rubella (German Measles) Program:

The Health Education Bureau, working in cooperation with U.C.C. (United Community Corporation,) took part in



MULTIPHASIC SCREENING PROGRAM

## STATISTICAL REPORT

## I. Diabetic Screening

A. Total Screened 2,986

1. Screened- Negative	2,790
2. Screened- Positive	196

B. Final Diagnosis of Patients Screened Positive

1. Newly diagnosed diabetics	9
2. Potential diabetics	14
3. Known diabetics	5
4. Not diabetic	11
5. Incomplete (no diagnosis)	17

## II. Chest X-rayed

A. Total Screened 2,301

1. Total Negative X-rays	2,200
2. Total Suspicious findings	101
A. Tuberculosis	12
B. Heart	55
C. Other	34
D. Inadequate X-rays	10

## III. Hypertension

A. Total Screened 2,661

1. Abnormal blood pressure	135
2. Previously known	71
3. New cases	64
a. Under supervision of private physician	34
b. Under supervision of a clinic	6
c. Incomplete	24

## IV. Serology

A. Total Screened 1,071

1. Positive Serology	
a. Male	12
b. Female	10

V. Cardiac and Lung

A. Total Screened	2,661
1. Abnormalities discovered	12
2. Previously known	4
a. Under supervision of Clinic	1
b. Under supervision of private physician	4
c. Incomplete	3

Explanation of Follow-up

- A. Abnormal X-rays: Screeners in this category are referred to the Chest Disease Bureau for follow-up.
- B. Abnormal Cardiac X-rays: Sscreenees in this category are referred to their private physician or the Division of Health for follow-up.
- C. Positive Serology: Sscreenees in this category are referred to the Venereal Disease Bureau for follow-up.
- D. Complete Eye Examinations: Are referred to Eye Clinic at the New Jersey College of Medicine and Dentistry or to their private physicians.

## BUREAU OF VITAL STATISTICS

Nathan Hershkowitz, Supervisor

This Bureau received the following Certificates as follows:

	<u>BIRTHS</u>	<u>DEATHS</u>	<u>MARRIAGES</u>
1969	9,904	4,147	3,610
1970	9,946	4,291	4,438

We prepare reference cards for each, micro-film all of them, send the Original Certificates to the State Department of Vital Statistics in Trenton. All Birth and Death Certificates are also noted on I. H. M. sorting cards to assist in preparing studies and reports. Individual Birth Certificates are prepared and mailed, without charge, to parents of new-born. Certified copies of Out-Of-Town Births and Deaths must also be sent to the City of Residence.

Burial permits are issued and many old records are re-issued by request. This is often a slow procedure. Prior to micro-filming, such data was copied, in pen and ink, in old bound books, most of which were rapidly deteriorating, but have now been micro-filmed since 1947, which require 5% of the space needed for the books and save hours of time looking up even one old record.

The requests for old records such as births, deaths or marriages, is in addition to routine work outlined above. The actual cash receipts for 1970 was \$75,117.00 as compared with \$71,816.00 in 1969. The fees for such records are \$2.00 per record and \$1.00 each Transit and burial or removal permits.

Many free records, in addition to the above are supplied for Veterans, School verification and Official Agencies and many thousands of Corrections in Original Certificates must be made.

## GENERAL MORTALITY

The following tables show the estimated population, crude death rate, as well as adjusted deaths and death rate since 1943. The census for 1970 however indicates a total of only 376,000, a reduction of 27,000 since the 1960 Census. We feel certain the Census takers missed a great many, especially in the over-crowded sections of the City. We have adjusted our estimates in the following table for each of the past years to comply with the Official Census Tot

### CRUDE AND ADJUSTED DEATH RATE

<u>Year</u>	<u>Population in 1,000's</u>	<u>Crude Deaths</u>	<u>Crude Rate</u>	<u>Adjusted Deaths</u>	<u>Adjusted Rate</u>
1943	440	5,523	12.6	5,043	11.5
1948	445	5,222	11.7	4,382	9.8
1953	432	5,387	12.5	4,389	10.0
1958	413	4,971	12.0	3,950	9.5
1963	410	5,338	13.0	4,167	10.2
1968	410	4,669	11.4	3,552	8.7
1969	400	4,147	10.4	3,062	7.7
1970	400	4,291	10.7	4,167	10.4

### PRINCIPAL CAUSES OF DEATH

The major causes of Newark deaths, including non-residents and the known deaths of Newarkers dying from Tuberculosis in Out-Of-Town Sanatoria were as follows:

	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>
Organic Heart Disease	2,102	2,119	2,093	2,067	2,039	2,007	1,843	1,915	1,777	1,717
Cancer	746	729	736	771	765	722	595	658	624	656
Apoplexy	567	529	612	496	460	478	464	574	435	347
Congenital Disease	366	313	392	364	321	294	350	300	267	291
Pneumonia and Respiratory Disease	299	381	403	402	366	353	254	376	247	342
Bright's Disease and Nephritis	176	179	163	102	90	101	77	107	77	120
Tuberculosis	52	52	46	48	42	34	36	29	20	24



Year	Total Deaths	Under 1 Yr.	1 and Und. 2	2 and Und. 5	Total Und. 5	5-14	15-24	25-44	45-64	Over 65
1923	5,221	756	167	136	1,055	196	305	872	1,503	2,270
1933	5,128	356	68	96	520	141	215	914	1,775	1,563
1943	5,702	367	24	44	435	66	148	660	2,074	2,313
1953	5,387	364	24	33	422	39	55	493	1,906	2,473
1958	4,771	437	39	32	508	33	41	425	1,596	2,308
1963	5,338	468	34	39	541	41	84	466	1,571	2,635
1968	4,669	374	23	27	424	44	117	455	1,442	2,187
1969	4,447	326	21	24	371	49	100	427	1,215	1,985
1970	4,291	351	23	23	397	35	126	485	1,314	1,934

#### OTHER INTERESTING HEALTH TRENDS 1923 - 1970

Year	Deaths Under 1 Yr.	Infant Mortality	Birth Rate	Diarrhoea Deaths Under 5 yrs.	Tuber- culosis Deaths	Tuber- culosis Death Rate	Bright's Disease Deaths	Organic Heart Dis.
1923	756	68.0	11,110	133	406	92.5	340	727
1933	356	45.1	7,897	18	388	85.8	228	1,091
1943	367	30.9	11,856	15	294	66.8	276	1,975
1953	364	25.8	14,116	6	97	22.0	241	1,963
1958	439	32.1	13,615	8	52	11.6	178	2,007
1963	468	34.9	13,427	14	46	11.2	163	2,093
1968	374	36.8	10,168	1	28	6.8	107	1,915
1969	326	28.9	9,904	2	20	4.8	95	1,709
1970	351	29.1	9,946	0	24	5.8	120	1,673

#### DEATHS UNDER ONE YEAR - BY CAUSES OF DEATH - 1923 - 1970

Year	Measles	Bron- chitis	Pneu- monia	Menin- gitis	Diarrhoea	Other Cong. Diseases	Congenital Premature	All Other	TOTAL
1923	15	32	94	10	105	21	376	103	756
1933	2	2	75	2	18	10	191	56	356
1943	0	1	41	5	14	5	255	46	367
1953	0	3	23	2	6	1	297	32	364
1963	0	0	23	6	13	0	387	39	468
1968	0	0	42	5	1	0	300	26	374
1969	0	1	35	2	2	0	250	36	326
1970	0	0	40	2	0	0	246	63	351

#### STILL-BIRTHS AND MATERNAL DEATHS

Year	Fuerperal Deaths	Maternal Mort. Rate per 1,000 Deliveries	Births	Still-Births	Still-Births per 1,000 Deliveries
1966	10	0.8	11,493	212	18.5
1967	4	0.3	10,676	237	22.2
1968	2	0.2	10,168	212	20.8
1969	4	0.4	9,904	197	21.5
1970	1	0.1	9,946	187	18.8

INFANT DEATHS (1 YEAR) BY CAUSE AND CODE NUMBERAMERICAN RESIDENTS

<u>DISEASE</u>	<u>CODE NUMBER</u>	<u>1969</u>	<u>1970</u>
Septicemia	768	0	0
Bronchitis	502	1	0
Stomach	541.0	0	0
Cirrhosis of Liver	581	0	0
Epidemic Meningitis	057	0	0
Cong. Heart Disease	754	0	0
Simple Meningitis	340	0	2
Apoplexy - Brain Soft.	760.5	0	0
Other Respiratory Diseases	522	0	0
Pneumonia (Other)	763.5	17	25
Pneumonia (Bronchio)	763	11	15
Diarrhoea (Under 5 Years)	571	2	0
Hernia & Int. Obstruction	560.5	0	0
Cong. Debility & Malf.	790.1	200	218
Whooping Cough	056	0	0
Accident	N933	17	13
Homicide	E982	1	0
Ill-Defined	795	16	4
All Other	780	<u>0</u>	<u>0</u>
TOTALS .....		265	277

INFANT MORTALITY RATES (FIRST DAY - FIRST MONTH - FIRST YEAR, ETC.)

<u>Year</u>	<u>Under 1 Day</u>	<u>Next 6 Days</u>	<u>Under 1 Week</u>	<u>Over 1 Week Under 1 Mo.</u>	<u>Total Under 1 Month</u>	<u>Over 1 Mo. Under 1 Yr.</u>	<u>Total Under 1 Year</u>
1949	8.6	10.0	18.6	3.4	21.9	7.1	29.0
1954	11.2	7.2	18.3	3.2	21.5	7.1	28.6
1959	12.0	10.8	22.8	3.5	26.4	9.5	35.9
1963	15.8	10.3	26.1	2.7	28.7	6.2	34.9
1968	14.7	8.5	23.1	3.7	26.8	9.9	36.8
1969	11.9	6.8	18.7	3.0	21.7	11.2	32.9
1970	12.9	9.5	22.4	3.6	26.0	9.2	35.3

TOTAL DEATHS OCCURRING IN NEWARK AMONG NEWARK RESIDENTS

BY RACE AND SEX

<u>1970</u>						<u>1969</u>					
<u>Total Deaths</u>	<u>Rate</u>	<u>RACE</u>		<u>SEX</u>		<u>Total Deaths</u>	<u>Rate</u>	<u>RACE</u>		<u>SEX</u>	
		<u>W.</u>	<u>N.W.</u>	<u>M.</u>	<u>F.</u>			<u>W.</u>	<u>N.W.</u>	<u>M.</u>	<u>F.</u>
Non-Res. 1,148	2.9	1,917	131	679	469	Non-Res. 1,085	2.7	985	100	626	459
Resident 3,143	7.9	1,606	1,537	1,805	1,388	Resident 3,062	7.7	1,608	1,454	1,755	1,307
<b>TOTALS 4,291</b>	<b>10.7</b>	<b>2,623</b>	<b>1,668</b>	<b>2,484</b>	<b>1,807</b>	<b>TOTALS 4,147</b>	<b>10.4</b>	<b>2,593</b>	<b>1,554</b>	<b>2,381</b>	<b>1,766</b>

DEATHS BY AGE GROUPS OCCURRING IN NEWARK AMONG

NEWARK RESIDENTS

<u>Year</u>	<u>Und. 5 Yrs.</u>	<u>5 - 14</u>	<u>15 - 24</u>	<u>25 - 44</u>	<u>45 - 64</u>	<u>65 and Over</u>	<u>TOTAL Deaths</u>
1969	302	36	87	357	873	1,407	3,062
1970	314	24	107	399	942	1,357	3,143

STILL-BIRTHSOCCURRING IN NEWARK AMONG NEWARK RESIDENTS

<u>CAUSE</u>	<u>1969</u>	<u>1970</u>
Prematurity	45	55
Atelectasis	38	12
Congenital Malic.	15	16
Abruptio Placenta	29	39
Anoxia	43	40
Unknown	27	25
<b>TOTALS ...</b>	<b>197</b>	<b>187</b>

INFANT DEATHS UNDER 1 YEAR OF AGEOCCURRING IN NEWARK AMONG NEWARK RESIDENTS

<u>YEAR</u>	<u>TOTAL DEATHS</u>	<u>UNDER 1 YEAR</u>	<u>UNDER 1 MONTH</u>	<u>UNDER 1 WEEK</u>	<u>UNDER 1 DAY</u>
1969	265	89	20	54	102
1970	277	81	14	81	101

INFANT MORTALITY RATES UNDER 1 YEAR OF AGEOCCURRING IN NEWARK AMONG NEWARK RESIDENTS

<u>YEAR</u>	<u>PER 1,000</u>	<u>RATES</u> <u>UND. 1 MONTH</u>	<u>RATES</u> <u>UND. 1 WEEK</u>	<u>RATES</u> <u>UND. 1 DAY</u>
1969	28.9 9.7	2.2	5.9	11.1
1970	29.1 8.5	1.5	8.5	10.6

# LIVE BIRTHS IN NEWARK

1970

1969

1946	WHITE		NON-WHITE		BIRTHS		WHITE		NON-WHITE	
	MALE	FEMALE	MALE	FEMALE			MALE	FEMALE	MALE	FEMALE
1,595**	611	580	191	210	Non-Res.	1,757**	706	658	206	187
8,351***	1,341	1,208	2,974	2,828	Res.	8,147***	1,301	1,276	2,100	2,810
	14.1	12.7	31.2	29.7	RATES*		14.2	13.9	30.1	28.7
9,946	1,955	1,738	3,165	3,038			2,007	1,934	2,966	2,997

NOTE: \* Rates figured Newark Resident-births in NEWARK.  
 \*\* Non-Resident Births in NEWARK.  
 \*\*\* NEWARK resident Births in NEWARK.

## PLACE OF BIRTHS IN NEWARK

1970

1969

BIRTHS		Drs.			BIRTHS		Doctors	Others
		Births at	At Hosp.	Others			At Hosp.	At Home
Non-Res.	1,595**	1,591	0	4	Non-Res.	1,757**	1,756	1
Res.	8,351***	8,214	46	91	Res.	8,147***	8,019	94
TOTALS	9,946	9,805	46	95	TOTALS	9,904	9,775	94

NOTE: \*\* Non-Resident Births in NEWARK.  
 \*\*\* NEWARK resident births in NEWARK.

## Births By Wards In Newark Among Residents.

### SEX AND COLOR

1970

1969

WARDS	TOTAL BIRTHS	WHITE		NON-WHITE		TOTAL BIRTHS	WHITE		NON-WHITE	
		MALE	FEM.	MALE	FEM.		MALE	FEM.	MALE	FEM.
EAST	1,962	661	547	409	305	1,687	540	546	316	285
WEST	1,321	407	403	251	260	1,386	454	409	219	274
SOUTH	1,229	152	157	458	462	1,165	154	168	424	419
CENTRAL	2,369	83	64	1,156	1,065	2,304	71	96	1,061	1,056
TOTALS	1,470	38	37	700	695	1,605	62	57	710	776
TOTALS	8,351	1,341	1,208	2,974	2,828	8,147	1,301	1,276	2,760	2,810

ILLEGITIMATE BIRTHSBIRTHS OCCURRING IN NEWARK AMONG NEWARK RESIDENTS AND SHOWING PLACE OF BIRTH

<u>Month</u>	<u>1970</u>				<u>1969</u>			
	<u>TOTAL</u>	<u>BORN AT HOSPITAL</u>	<u>BORN AT HOME</u>	<u>BORN ELSEWHERE</u>	<u>TOTAL</u>	<u>BORN AT HOSPITAL</u>	<u>BORN AT HOME</u>	<u>BORN ELSEWHERE</u>
JANUARY	320	311	4	5	289	267	4	18
FEBRUARY	248	245	0	3	220	212	1	7
MARCH	206	202	1	3	212	209	0	3
APRIL	261	256	2	3	197	193	1	3
MAY	220	218	0	2	219	215	1	3
JUNE	222	217	1	4	196	194	0	2
JULY	308	305	1	2	238	236	2	0
AUGUST	308	302	3	3	225	222	3	0
SEPTEMBER	272	268	3	1	234	227	5	2
OCTOBER	242	235	2	5	234	232	1	1
NOVEMBER	278	271	4	3	245	243	2	0
DECEMBER	271	268	0	3	219	212	4	3
TOTALS	3,156	3,098	21	37	2,728	2,662	24	42

ILLEGITIMATE BIRTHS IN NEWARK AMONG NEWARK RESIDENTS BY WARDS

<u>MONTH</u>	<u>1970</u>						<u>1969</u>					
	<u>TOTAL</u>	<u>N.</u>	<u>E.</u>	<u>W.</u>	<u>S.</u>	<u>C.</u>	<u>TOTAL</u>	<u>N.</u>	<u>E.</u>	<u>W.</u>	<u>S.</u>	<u>C.</u>
January	320	63	38	42	96	81	289	16	35	144	100	64
February	248	43	30	35	91	49	220	19	16	32	64	59
March	206	38	26	42	59	41	212	41	16	34	72	49
April	261	58	19	39	80	55	197	30	22	32	59	54
May	220	51	25	27	75	42	219	50	17	30	68	54
June	222	46	28	27	68	53	196	42	24	30	51	49
July	308	64	36	40	93	75	238	49	28	30	72	59
August	308	65	29	49	90	75	225	42	29	30	73	51
September	272	56	31	46	86	53	234	40	31	31	62	70
October	242	46	25	45	73	53	234	15	18	28	88	55
November	278	72	29	29	74	74	245	37	34	38	71	65
December	271	49	33	40	93	56	219	30	29	28	73	59
<b>TOTALS</b>	<b>3,156</b>	<b>652</b>	<b>349</b>	<b>461</b>	<b>980</b>	<b>714</b>	<b>2,728</b>	<b>501</b>	<b>299</b>	<b>387</b>	<b>853</b>	<b>688</b>

RATES

PER 1,000

<u>LIVE</u>	33.1	6.8	3.7	4.8	10.3	7.5	29.8	5.5	3.3	4.2	9.3	7.5
<u>BIRTHS</u>												

RATES PER

1,000

<u>POPULATION</u>	7.9	1.6	0.8	1.2	2.5	1.8	6.8	1.3	0.7	0.9	2.1	1.7
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N. - NORTH WARD

E. - EAST WARD

W. - WEST WARD

S. - SOUTH WARD

C. - CENTRAL WARD

<u>YEAR</u>	<u>BIRTHS</u>	<u>NON-RES.</u>	<u>NEWARK RESIDENTS</u>
1970	9,946	1,595	8,351
1969	9,904	1,757	8,147

COMMUNICABLE DISEASE DEATHS BY CAUSE AND CODE NUMBEROCCURRING IN NEWARK AMONG NEWARK RESIDENTS

<u>DISEASE</u>	<u>INTERNATIONAL CODE NUMBER</u>	<u>1969</u>	<u>1970</u>
Epidemic Meningitis	057	0	0
Other Epidemic & Inf. Dis.	082	0	0
Tuberculosis (Lung )	002	20	24
Tuberculosis Meningitis	010	0	0
Tuberculosis (Other Forms)	011-019	0	0
Pneumonia, Other	492 & 493	120	105
Pneumonia, Broncho	491	79	59
Diarrhoea (Under 5 Years)	571	2	0
TOTALS ....		221	188



COMMUNICABLE DISEASE DEATHS

CAUSE OF DEATHS AND RATES

OCCURRING IN NEWARK AMONG NEWARK RESIDENTS

<u>DISEASE</u>	<u>1970</u>		<u>1969</u>	
	<u>DEATHS</u>	<u>RATES</u>	<u>DEATHS</u>	<u>RATES</u>
Epidemic Meningitis	0	0	0	0
Other Epidemic Meningitis	0	0	0	0
Tuberculosis of Lungs	24	6.0	20	5.0
Tuberculosis (Meningitis)	0	0	0	0
Tuberculosis (Other Forms)	0	0	0	0
Pneumonia (Other)	105	26.3	120	30.0
Broncho Pneumonia	59	14.8	79	19.7
Diarrhoea (Under 5 Years)	0	0	2	0.5
TOTALS...	188	47.0	221	55.3

TABLE 2. DEATHS OCCURRING IN NEMARA AMONG NEMARA PELEDITS AND RATES

CAUSE	1970		1969	
	DEATHS	RATES	DEATHS	RATES
Diabetes	34	8.5	31	7.8
Leukemia	14	3.5	17	4.3
Pulm. Emb. & Inf.	40	10.0	38	9.5
Hepatitis	13	3.3	14	3.5
Peritonitis	4	1.0	2	0.5
Epidemic Meningitis	0	0	0	0
Other Epidemic Diseases	0	0	0	0
Tuberculosis of Lungs	24	6.0	19	4.8
Tuberculosis Meningitis	0	0	0	0
Other Tuberculosis	0	0	0	0
Cancer	383	95.8	376	94.0
Simple Meningitis	3	0.8	7	1.8
Apoplexy	240	60.0	235	58.8
Organic Heart Disease	1262	315.1	1289	322.3
Bronchitis	5	1.3	5	1.3
Pneumonia (Other)	105	26.3	89	22.3
Pneumonia (Broncho)	59	14.8	58	14.5
Other Respiratory Diseases	98	24.5	76	19.0
Stomach	25	6.3	20	5.0
Diarrhoea (Under 5 Years)	0	0	2	0.5
Appendicitis	4	1.0	2	0.5
Hernia Int. Obst.	11	2.8	15	3.8
Cirrhosis of Liver	73	18.3	52	13.0
Bright's Disease	75	18.8	67	17.0
Puerperal Septicemia	1	0.2	4	1.0
Other Puerperal	0	0	0	0
Congenital Debility	221	55.3	197	49.3
Accident	149	37.3	152	38.0
Homicide	125	31.3	94	23.5
Suicide	10	2.5	19	4.8
Ill-Defined	84	21.0	115	28.7
All Others	81	20.3	67	17.0
TOTALS ....	3,443	7.9	3,062	7.7

ACCIDENTAL DEATHS IN NEWARK AMONG NEWARK RESIDENTS BY CAUSE AND AGE GROUP

	1970														1969													
CAUSE OF DEATH	TOTAL	MALE	FEMALE	UNDER 1 MONTH	1 YEAR	1 & UNDER 2 YRS.	2 & UNDER 5 YRS.	UNDER 5 YEARS	5 TO 14	15 TO 24	25 TO 44	45 TO 64	65 AND OVER	TOTAL	MALE	FEMALE	UNDER 1 MONTH	1 YEAR	1 & UNDER 2 YRS.	2 & UNDER 5 YRS.	UNDER 5 YRS.	5 TO 14	15 TO 24	25 TO 44	45 TO 64	65 AND OVER		
Auto and Motor	31	26	5	0	0	0	1	1	3	3	12	4	8	37	27	10	0	0	0	2	2	8	3	8	11	5		
Accidental Falls	60	36	24	0	1	2	1	4	0	2	9	9	36	57	33	24	0	0	2	0	2	1	1	12	10	31		
Fire, Conglgrations	18	12	6	0	0	1	2	3	5	0	0	5	5	13	11	2	0	1	2	0	3	0	0	0	4	6		
Other Burns	3	2	1	0	0	0	0	0	0	0	1	0	2	4	2	2	0	0	0	0	0	0	0	0	2	2		
Asphyxia & Suffocation	12	6	6	1	10	0	0	10	1	0	0	0	1	23	10	13	1	15	2	1	18	1	3	0	0	1		
Carbon Monoxide	12	8	4	0	1	0	3	4	1	1	1	4	1	3	2	1	0	0	0	2	2	0	0	0	1	0		
Drowning	1	1	0	0	0	0	0	0	0	0	0	1	0	5	4	1	0	0	0	0	0	3	1	0	1	0		
Illuminating Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Railroad and Bys	1	1	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0		
Miscellaneous	11	8	3	0	0	1	1	2	3	2	4	0	0	9	5	4	0	1	0	1	2	4	0	3	0	0		
TOTALS ...	149	100	49	1	12	4	8	24	13	8	28	23	53	152	95	57	1	17	6	6	29	17	9	24	29	15		

## ENVIRONMENTAL SANITATION

ARD E. SMITH, CHIEF INSPECTOR  
JOSEPH J. SMITH, ASSISTANT CHIEF INSPECTOR

The City of St. Louis has a Sanitation (S.C.) Department, all other agencies to comply with a Sanitation Code and to enforce the same. The enforcement of the Sanitary and Health Code. It also has a Sanitation, Assistant Chief Inspector a Senior Clerk and a Clerk Typist.

The Inspectors regulate and enforce the extermination of vermin infestations with roaches, rats, mice, silverfish, etc., in all cases and ships.

The following are typical of the work done by the Sanitation Department:

<u>SANITATION</u>	<u>1969</u>	<u>1970</u>		<u>1969</u>	<u>1970</u>
Hearings Held	312	322	Nuisances Confirmed	18,594	13,041
Cases Prosecuted	444	407	Notices Served	7,435	4,857
Violations	5	27	Notices Served	7,435	4,857
Total Inspections	41,311	29,151	Complaints Unjustified	11,352	1,271
Complaints Investigated	12,129	9,455			

The following are typical of the work done by the Sanitation Department. The largest in number were the following:

Leak	1,147	1,735	Dog-Cat Conditions	3,792	2,112
Insanitary Housekeeping	249	148	Sidewalks & Curbings	3,242	2,112
Overcrowding	75	73	Pedestals & Vermin	2,912	2,112
Cartage, etc.	1,974	1,363	Sleeping in Cellar	10	10
Loads	223				

## VERMIN CONTROL

Extermination and other procedures by licensed fumigators who must pass a written exam and be supervised by our Inspector.

Rumage Sale Fumigation	31	36	Structures Demolished	409	153
Factory & Brewery	5	4	City and Private Du		
Second Hand & Used Clothing	12	4	Inspected	30	23

## WASTE CONTROL

The City of St. Louis has a Sanitation (S.C.) Department, all other agencies to comply with a Sanitation Code and to enforce the same. It also has a Sanitation, Assistant Chief Inspector a Senior Clerk and a Clerk Typist.

## WASTE CONTROL

Ice Trucks & Depots	19	12	Refuse Tr		
Killing Fowl	37	27	Animal Pen		

RABIES CONTROL

This group of Inspectors investigate all animal bites (reportable) and quarantine the biting animal for ten (10) days. If animal is well at expiration of quarantine it is released as it did not have rabies in the infectious stage at the time of bite. The person bitten will not have to undergo the Pasteur Treatment which is provided free to all persons bitten by Newark Animals.

	<u>1969</u>	<u>1970</u>
Bites Investigated	2,841	2,913
Dogs	2,745	2,837
Cats	33	21
Other Animals	29	55

LEAD POISONING

Four-hundred and sixty-two (462) complaints were received from the Bureau of Child Hygiene during the year relative to peeling paint in homes occupied by children under six (6) years of age. Inspections were made, samples of paint taken and submitted to the Health Department Laboratory for analysis. In all cases where the paint was found to contain more than 1% of lead a written notice was served upon the owner or agent to scrape the walls, ceilings and woodwork and to repaint with paint containing less than 1% of lead.

# Environmental San. (contd)

## Rabies Investigations

<u>Report of Investigations of Suspected Rabid Dogs</u>	1969	1970
No. of Persons Bitten by Dogs .....	2745	2837
No. of Persons Bitten by Cats .....	33	21
No. of Persons Bitten by Horses or Other Animals .....	63	55
Total No. of Persons Bitten and Cases Investigated ...	2841	2913
No. of Dogs and Cats (Bitten) .....	0	0
No. of Dogs and Cats (Exposed to Infection) .....	0	0
No. of Dogs and Cats sent to Humane Society (Observation) ..	68	34
No. of Dogs and Cats sent to Humane Society (Destroyed) ..	16	5
No. of Persons Given Pasteur Treatment .....	0	0

## Re-Inspections, Final Inspections & Examinations

No. of Original Inspections .....	2841	2913
No. of Re-Inspections .....	0	0
No. of Final Inspections .....	2805	2901
TOTAL NO. OF INSPECTIONS .....	5646	5814
Dog Brains Examined from Newark		
Negative .....	16	13
Positive .....	0	0
Other Animal Brains Examined from Newark		
Negative .....	3	7
Positive .....	0	0
Dogs' Brains Examined Out-Of-Town		
Negative .....	0	0
Positive .....	0	0
Other Animal Brains Examined Out-Of-Town		
Negative .....	0	0
Positive .....	0	0
Total	19	20
Rat Bites .....	34	30
Hours in Court .....	16	2

## DOG CONTROL

Thomas P. Dunn, Supervisor

Prior to 1954, the picking up of stray dogs (all dogs in public must be on a leash) was carried out by the Humane Society. In 1954 this arrangement was changed and greatly improved. The Health Division secured two dog ambulances of its own, operated by four Dog Wardens (Dog Catchers).

	1970	1969
Dog Licenses issued \$4.00 each.....	8578	8420
"Seeing Eye" Dogs License (free).....	2	4
Pet Shop Licenses \$10.00 each.....	4	4
Kennel Licenses \$10.00 each.....	2	0
Kennel Licenses \$25.00 each.....	2	0
Dogs Redeemed by Owners.....	20	77

The City pays the State 50¢ out of each license fee and the State provides free rabies vaccine. The City offers free rabies vaccination for each licensed dog, to be inoculated by participating Veterinarians. Only by popularizing the annual vaccination of dogs, can we feel confident that our present freedom from rabies will continue. It is now 21 years since rabies occurred here, but in 1946 we had 34 rabid dogs, and 21 persons underwent Pasteur Treatment. The compulsory licensing of dogs (all year) was started at that time. Under the free vaccination arrangement, 1551 Newark dogs were vaccinated this year.

The ambulance during the year picked up 835 unleashed dogs and also picked up 528 stray cats that were brought to the Humane Society up until August 7, 1970. Thereafter, due to Conflict of Contract, 874 dogs and 275 cats picked up were brought to the S.P.C.A. in Jersey City until December 31, 1970. Owners of dogs picked up may redeem them from the Shelter upon payment of a \$5.00 fee in lieu of Court appearances. The Dog Control supplies the Sanitation Division with one truck to pick up dead animals on the street. This truck picked up 1109 dead cats and 2083 dead dogs and 150 other dead animals.

Dog Control  
FINANCIAL REPORT  
1970

Cash Receipts 8578.....	\$34,312.00
4 Pet Shop Licenses @ \$10.00 ea.....	40.00
2 Kennel Licenses @ \$10.00 ea.....	20.00
2 Kennel Licenses @ \$25.00 ea.....	50.00
20 Dogs Redeemed.....	100.00
TOTAL	\$34,522.00
 Money sent to State	 \$ 4,289.00
 Cash on Hand	 \$30,233.00

Animals picked up on Streets by Sanitation Department

<u>D.C.</u>	<u>D.D.</u>	<u>TOTAL</u>
1109	2083	3192

Animals picked up by Dog Control

<u>Dogs</u>	<u>Cats</u>	<u>Total</u>
1709	794	2503

Dogs Redeemed	20
of Licenses issued up to 12/31/70	8580
of Seeing Eye Dogs	2
of Kennel Licenses	4
of Pet Shop Licenses	4
Complaints answered on live animals	3695
Calls on Dead Animals	838
of Dogs Vaccinated by Humane Society	1303
of Dogs Vaccinated by Other Vets	248



FOOD & DRUG INSPECTION

The Food & Drug Bureau is responsible for the inspection and supervision of all articles of food, drugs and cosmetics. In carrying out this program, it is the responsibility of this Bureau to see that all such articles, in every phase of their preparation for sale, comply with all Federal laws, State regulations, and all local ordinances.

A large part of the program included the inspectional work covering the quality of milk and milk products supplied to this City. The program, under an exchange agreement with the New Jersey State Department of Health, included the periodic inspection of all sources of supplies and the dairies supplying same throughout our entire milk shed which includes both in-state and out-of-state supplies.

The dairy inspection phase of the Food & Drug program was discontinued by the City early in October of this year. The seven (7) inspectors previously assigned exclusively to milk inspection were subsequently reassigned.

Heretofore, the dairy program also included a comprehensive quality control program effected via the daily collection of sample specimens of different milk products for both bacteriological and chemical analyses. This activity was the responsibility of one (1) inspector. His reassignment and the dearth of petty cash funds available for paying for legal samples sharply curtailed this sampling program.

There were thirteen (13) inspectors assigned to the City food and drug control program at the beginning of 1970. Retirements during the year and the reassignments that ensued in the fall as a result of the survey and subsequent reorganization within the Department of Health & Welfare literally left the Bureau with a skeleton staff of food and drug inspectors.

Utilizing the remaining manpower the Bureau continued its local food and drug work. This control program included the inspection of all food, drug and cosmetic operations carried on by the approximately 3,500 food and drug establishments in the City of Newark. Routine continuous sampling by the inspectors of various types of food and drugs for laboratory analyses, together with the

physical inspection of the aforesaid establishments, was carried out to determine compliance with all regulations and legal requirements and, in many instances, to determine fitness for food and any evidence of adulteration and/or misbranding.

During the past year, the inspectors destroyed large amounts of various food, drugs, etc., found to be unfit. These inspectors also carried on a daily collection of swabs taken from all types of eating and drinking places to determine the efficacy with which utensils are being cleaned and sanitized.

In carrying out our Bureau program, we have worked in close cooperation with the U. S. Food & Drug Administration, the New Jersey State Department of Health, many other local health departments, and other city agencies. During the coming year we will continue this cooperation within the framework of the total food and drug program and incorporate in this program any new phase of control work which may be required.

Food and Drug Inspection, (cont'd)

	<u>Inspected</u>		<u>Re-inspected</u>		<u>Total</u>		<u>Expended</u>	
	<u>1969</u>	<u>1970</u>	<u>1969</u>	<u>1970</u>	<u>1969</u>	<u>1970</u>	<u>1969</u>	<u>1970</u>
Pasteurizing Plants	139	109	10	2	149	111	0	0
Receiving Plants	181	114	8	9	189	123	0	0
Dairies	6,497	4,787	370	244	6,867	5,031	83	45
Other (Ice Cream Plants, Counter Freezers, Mo- bilities, etc.)	1,814	28	1,814	28	3,628	21	0	—
							83	—

\*Program Discontinued, October 1970

<u>DAIRY PRODUCTS SAMPLING</u>	<u>Bacteriological</u>		<u>Chemical</u>		<u>Total</u>	
	<u>1969</u>	<u>1970</u>	<u>1969</u>	<u>1970</u>	<u>1969</u>	<u>1970</u>
Milk & Cream Samples	2,376	1,977	2,237	1,959	4,613	3,936
TOTALS	<u>2,376</u>	<u>1,977</u>	<u>2,237</u>	<u>1,959</u>	<u>4,613</u>	<u>3,936</u>

<u>CITY INSPECTIONS</u>	<u>1969</u>
Total City Inspections & Reinspections	12,891
Lic. Div. Referrals Processed	665
Complaints Received	518
Notices Served	1,640
Notices Abated	1,506
Embargo Notices	27
Suspected Food Poisonings	7
Utensil Swab Samples	1,022
Disc. Samples Taken	101

<u>MILK LICENSES</u>	<u>1969</u>	<u>1970</u>
Issued (Stores, Dealers, Vending Machines, Depots)	1,245	1,137
Total Receipts	\$2,700.	\$3,449.



# Veterinary Meat Inspection

## Inspections & Reinspections

	<u>A</u>	<u>B</u>
Abattoirs .....	1	1
Wholesale Meat & Dressed Poultry.....	1	1
Loading Platform .....	1	1
Commissionaries .....	1	1
Refrigeration Plants .....	1	1
Wholesale Live Poultry .....	1	1
Truckloads of Poultry.....	1	1
Jobbers .....	1	1
Provision Mfg. Plants.....	1	1
Retail Establishments .....	1	1
City Institutions & Ice Boxes .....	1	1
Total	1	1

Condemnations of Poultry, meat and fish products.

175,500 lbs. 194,000 lbs.

Approval of meat, poultry and seafood in our City Institutions inspections.

200,000 lbs. 113,000 lbs.

Samples for analysis .....

Complaints investigated .....

Notices served .....

Abatements .....

Court Cases .....

1

1

1

1

1

## License Fees

	<u>S</u>	<u>T</u>
Poultry Slaughterhouse .....	1	1
Meat Jobbers .....	1	1
Meat Plants .....	1	1
Live Poultry .....	1	1
Total	1	1

# Veterinary (con't)

## ABATTOIR INSPECTIONS

1.	Inspections and reinspections	140
2.	Out-of-town inspections	20

## WHOLESALE MEATS AND DRESSED POULTRY INSPECTIONS

1.	Inspections and reinspections	1,980
	Wholesale Meat Dealers	1,660
	Loading Platform Inspections	390
	Commissary & Restaurant Inspections	140

Condemnations 142,711

## FOOD CONTROL WORK AT CITY INSTITUTIONS

	1969	1970
Beef	15,110	12,110
Pork	4,800	3,170
Lamb	3,200	1,570
Veal	9,400	4,550
Provisions	1,800	1,800
Fish	2,400	2,700
Clams	218 gal.	218 gal.
Oysters	-	-
Shrimp	-	-
Poultry	2,940	3,140
Scallops	-	-
Institutional Inspections	110	

## MISCELLANEOUS ACTIVITIES

Notices Served	362	458
Notices Abated	344	445
Complaints Investigated	128	125
Samples taken for Analysis	237	228
Court Cases	16	13
Special Details	682	587

# Veterinary (cont)

1961

1. Inspections and reinspections 490
  - Wholesale Live Poultry inspections and reinspections truckloads of Live Poultry inspected 4,132,947 lbs.
2. Condemnation

## PROVISION MANUFACTURING PLANT

1. Inspections and reinspections 1,980
  - Bolema Kitchens inspections and reinspections 918
  - Frozen Food Etab. inspections & reinspections 104
  - Provision Jobbers inspections and reinspections 660
  - Clean House inspections and reinspections 25
  - Casins Etab. inspections and reinspections 29
  - Pork head Boning inspections and reinspections 85

## RETAIL

- Public Markets inspections and reinspections 1,480
- Butcher shops inspections and reinspections 3,812
- Poultry Stores inspections and reinspections 280
- Smoked Fish Etab. inspections and reinspections 12
- Fish Stores inspections and reinspections 425
- Pet Shops inspections and reinspections 40
- Refrigeration Plants inspections and reinspections 40

TOTAL CONDEMNATIONS IN RETAIL 39,425 lbs.

## CONTAGIOUS DISEASES

Alfred D. Giordano, Chief Inspector

The intensive campaign carried out in past years are now bearing fruit in that many of the once dangerous diseases do not occur in this area because of our immunization activity and the combined school and Health Department requirement of an active preventive program before any children may be admitted to either, public, parochial or private schools.

The diseases that have been wiped out by our immunization program are: Diphtheria, Whooping cough, Poliomyelitis and Smallpox. Scarlet fever is a rarity and penicillin has virtually controlled this disease. Measles is fast coming under control with the stepped-up program on prevention. Rubeola (German measles) which was again made reportable last year is the present disease for which an active immunization program is being carried out and within a few years this disease may well be out of existence. This disease is of importance because when it occurs in young women during early pregnancy it results in the deformity of the child. It is ordinarily a minor disease with little or no complications and it is well worthwhile to have young children definitely exposed to it so they may acquire natural immunity. The present vaccine in use gives good immunizing response with minimal reaction.

The axiom to be learned from the absence of communicable diseases is that an active, continuous immunization program with full cooperation between the school system and the Health Department results in safety for our children and the continued absence of this group of diseases. Aiding in our quest for a high immunity level in pre-school children of the city of Newark are such agencies as Maternal Infant Care, Newark Pre-School Councils and Day Care Centers.

Like last year, twelve of the reportable diseases had no cases whatsoever - a remarkable record. We must not become complacent and ease up on our immunization program as with the advent of the jet plane distance and time have become a minor factor as far as disease is concerned. Cases of Diphtheria outbreaks have been reported in several states of the Southwest as well as Plague. This year has also seen the rise and spread of Cholera from Russia across many countries of Africa, and being reported as far away as France.

Influenza immunization was again offered and administered to all Senior Citizens in their respective project buildings in the City of Newark, the aged, known cardiac and respiratory cases and to groups of essential workers, Police and Fire Department and other essential personnel.

Lead Poisoning This is one of the most dangerous conditions occurring in young children and definitely traceable to the use of lead base paints on walls, ceilings, toys, cribs, household furniture and woodwork. Once the lead



## Contagious Dis. (cont'd)

enteric fever is a much more very difficult. This year, due to more active case seeking and greater awareness of the disease, 14 cases were reported against 74 last year and 13 in 1968.

Meningococcal Meningitis has dropped from 11 cases in 1967 to 1 case this year.

Infectious Mononucleosis has given us 1 case this year, the first in several years.

Mumps has shown a big drop in the last 2 years, 19 cases this year against 44 and 81 respectively in the preceding 2 years.

Hepatitis (Serum and infectious) Is still on the increase this year with 474 cases against 218 in 1969 and 239 in 1968. This great increase is directly connected with the ever increasing use of narcotics in our society. The careless and indiscriminate use of hypodermic equipment between members of a drug addict group is largely responsible for transmitting this disease from one infected person to another and this is responsible for the increase of this disease.

Diarrheal Diseases as a group, these diseases are running heavy and are truly a problem. Continued education is the only real weapon we have against this group of diseases for the spread is "within families" or those who live close together. Faulty hygiene is the major cause of spread of all this group. We can only urge good household sanitation, cleanliness, the need for washing hands before cooking and after handling sick children, diapers, etc. Proper cooking and handling of food is essential too, for we know, contaminated food is often the source of infection in many groups.

<u>Disease</u>	<u>1970</u>	<u>1969</u>	<u>1968</u>
Salmonella Typhi	2	2	1
Salmonellosis	114	77	91
Pathogenic E. Coli	164	157	110
Bacillary Dysentery	86	101	71
Amoebic Dysentery	0	1	5
Infantile Diarrhea	85	13	37

Contagious Diseases (Cont'd)

Public Activities - 1970

Inspectors investigations	1060
Reinspections	693
Misc. inspections	11
Misc. reinspections	3
Water samples (swimming pools, etc.)	338
Specimens delivered	2072
Specimens collected	1565
Sp. Ass'gn. & Complaints Investigated	211
Wrong addresses	98
Lead Poison Program	277
Total	6,278

CULTURE COLLECTION REPORT - 1970

<u>Location</u>	<u>Ala.</u>	<u>Ark.</u>	<u>Cal.</u>	<u>Ill.</u>	<u>Ind.</u>	<u>Misc.</u>	<u>Total</u>
Collected	10	107	191	18,269	3,353	14	21,944
Culture containers delivered							13,879
Culture stations visited							5,205

Summary of Data

	1969	1970	1971	1972	1973
Health Clinics	18,299	17,037	2,733	4,515	-
Priv. Doctors	419	369	62	94	-
1970 Health Clinics	15,559	15,348	2,551	4,406	-
Priv. Doctors	309	267	47	54	3

## MORBIDITY REPORT 1960 - 1970

DISEASES	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	NC	
Scabies	0	2	2	1	1	2	0	0	5	1	0		
Tricellosis	0	0	1	0	0	0	0	0	0	0	0		
Diarrhea of Newborn	-	-	-	2*	0	1	0	0	0	0	0		
Erythema	0	0	0	0	0	0	0	0	0	0	0		
Encephalitis (Infectious)	0	0	0	0	0	0	0	0	0	0	1		
Epilepsy	52	48	117	223	164	81	74	61	15	10	11		
Hepatitis	39	293	267	163	194	118	158	161	239	258	474		
Lead Poisoning	-	-	-	15*	77	102	76	37	13	74	146		
Malaria	0	0	0	0	6	2	0	0	1	4	0		
Measles	2583	4305	2556	3547	2495	1626	684	104	163	76	77	16	
Mening. Meningitis	13	10	10	10	7	10	15	12	12	11	5	1	
Mumps			Reportable as of 10-1-67							81	24	19	24
Perth. Neonat.	5	9	4	8	7	10	19	2	5	11	3		
Pathogenic E. Coli	-	-	-	-	-	-	31*	85	110	157	164	11	
Poliomyelitis	5	0	0	0	0	0	0	0	0	0	0		
Rocky Mt. Spotted Fever	0	0	0	0	0	0	0	0	1	0	0		
Rubella			Reportable as of 8-1-69							6	5	5	
Salmonellosis	0	0	0	15	20	25	77	63	91	77	114	2	
Shigellosis	-	-	-	-	1	15	24	39	71	101	86	3	
Tetanus	1	0	1	0	0	0	0	1	0	0	2	0	
Trichinosis	0	2	2	0	2	0	0	0	0	1	2	0	
Typhoid Fever	0	0	0	0	0	2	2	1	1	2	2	1	
Tuberculosis	343	372	332	341	299	355	360	324	355	282	295	34	

\*Reportable as of Jan. 1 of current year

## HEPATITIS CASES REPORTED TO NEWARK DIVISION OF HEALTH: 474 CASES

## AGE GROUP      CASES

0 to 4:	1
5 - 9:	10
10 - 14:	18
15 - 19:	135
20 - 24:	127
25 - 34:	112
35 - 44:	40
45 - 54:	22
55 - 64:	4
64 - 74:	2
75 - 84:	1
85 - 94:	2

Males:	323
Females:	151
Newark Cases:	434
Non-Residents:	40
Treated in Hospitals:	422
Treated at Home:	52
Infectious Hepatitis:	333
Serum Hepatitis:	141
Non-Residents treated In Newark Hospitals:	33



## Venereal Dis. (cont'd)

The epidemiologic approach to gonorrhea control continues at the clinic, with each male diagnosed being interviewed by a trained investigator, and field investigation being performed to identify and treat the source of infection.

The increasing reported incidence of infectious syphilis in the city during 1970 led to an increase in the investigative staff at the clinic. We continue to apply all epidemiologic means at our disposal to stop the spread of syphilis. The casefinding approach, combined with appropriate prophylactic treatment of individuals exposed to infectious syphilis, remains the keystone of the syphilis control program. This approach is supplemented by the cluster technique, which is a proven method of quickly identifying infected individuals.

The City of Newark, more precisely, the people of the city, need an awareness of the venereal disease problem facing them. This awareness, plus an all-out effort by public and private medicine is necessary before the venereal diseases can be stopped.

SKIN CLINIC ACTIVITY - Shows treatment in our skin clinic has been on the increase from last year.

VENEREAL DISEASECLINIC REPORT

<u>SYPHILIS-REPORTED</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>
Blood Tests	- -	- -	10,501
Darkfields	- -	- -	443
Total new patients	338	418	642
Total patient visits	4492	3843	4723
Treatments given	2161	254	4087
Primary	59	129	194
Secondary	57	153	23
Early Latent	92	115	216

GONORRHEA - REPORTED

Male and Female	4245	5438	6994
-----------------	------	------	------

SEXUAL CONTACTS OF PATIENTSSyphilis & Gonorrhea

Named	2278	2599	2892
Found and Examined	1136	1611	1911
Found infected	580	815	1048

SKIN CLINIC

New Cases	2793	1257	126
Treatments	5132	3413	5458

CHART DISCUSSION

John H. Alcamo, M.D., Director & TB Control Officer

The County Tuberculosis Bureau, in the Department of Health, continues to identify and solve the problem, has held up as well as can be expected.

the many problems. Great credit must be given to our physicians who took care of the enormous caseload in 1970 during which year 7,622 patients' visits were

Under County auspices, and State help, we established the so-called satellite clinics in the following hospitals:

St. Michael's - May 2

St. James - Jan 12

Presbyterian - September 3

Beth Israel - October 6

Marlboro - December 4

Each hospital had one weekly session and altogether these hospitals ran 88 sessions. Each session had an average of 18 persons.

The William Street Clinic had 49 sessions (including the P. M. session), because of the high caseload, an average of 18 persons was serviced.

The satellite clinics were established in order to bring the medical care closer to the patients' homes.

The total reported cases in 1970 were 275 per 100,000 against 282 in 1969. The

more obedient to medical regulations and advice.

order to the hospital for treatment. Some cases are not referred by the proper official until they, the cases, have wandered as long as six months. During this long sojourn, each positive sputum case has infected countless contacts and children. These are the cases of hand six months to a year later, and we must also check their contacts.

This is a problem which needs permanent attention if tuberculosis is to be curtailed in Newark. The suburban area must be totally tested as well, and a reciprocal uniform investigative system must be instituted and carried out in all suburban areas by all local tuberculosis officials, without seeking permission for the immediate apprehension of a non-cooperative positive case.

The sooner this is instituted, the sooner each municipality will stop the unknown harboring of a tuberculosis carrier.

TUBERCULOSIS MORTALITY AND MORBIDITY RATE (ALL FORMS)

<u>Y</u>	<u>POPULATION</u>	<u>NO. DEATHS</u>	<u>DEATH RATE</u>	<u>MORTALITY</u>	<u>MORBIDITY</u>
1935	455,000	316	654	69.5	23.7
1940	429,000	309	586	71.9	136.6
1945	443,000	247	495	55.8	111.7
1950	443,000	209	526	47.2	117.
1955	443,000	68	490	15.3	1.26
1960	405,000	40	343	9.9	34.7
1961	405,000	52	372	12.8	31.3
1962	410,000	52	332	12.7	34.2
1963	410,000	46	341	11.2	33.2
1964	410,000	48	299	11.7	70.7
1965	410,000	42	355	10.2	87.6
1966	410,000	35	360	8.5	57.8
1967	410,000	36	323	8.78	78.7
1968	410,000	28	336	6.8	80.7
1969	400,000	20	282	5.0	70.5
1970	400,000	24	275	6.0	68.75



## Chest Diseases (cont'd)

Patients (dy)                      low Cont. 1/2 3/

Saline Examinations - Th  
Saline Examinations -

Kr 1/2 - 1/2 - 1/2

Saline Test-Clinic  
Saline Examinations - Clinic

Saline Examinations - Clinic  
Tine Test - 1/2 - 1/2 by Bureau of Public Health  
for 1/2 1/2 1/2

Streptococcal Injections - Clinic --

Saline Examinations

# CHEST DISEASE BUREAU

TUBERCULOSIS DEATHS BY AGE GROUP - 1964-1970

AGE	Under 1 Yr.		1-4 Yrs.		5-9 Yrs.		10-14 Yrs.		15-19 Yrs.		20-24 Yrs.		25-29 Yrs.		30-34 Yrs.		35-39 Yrs.		40-44 Yrs.		45-49 Yrs.		50-54 Yrs.		55-59 Yrs.		60-64 Yrs.		65-69 Yrs.		70 and Over		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
TOTAL																																	
24																																	
White																																	
4																																	
Non-White																																	
20																																	

TUBERCULOSIS DEATHS BY AGE GROUP - 1964-1970 (7 YEAR TOTAL)

YEAR	Under 1	1-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70 Over
1964	0	1	2	12	8	13	7	5					
1965	0	0	1	9	11	10	8	3					
1966	0	1	0	16	5	8	4	1					
1967	0	0	1	13	6	10	3	3					
1968	0	1	0	12	6	7	2	0					
1969	0	0	0	4	6	4	5	1					
1970	0	2	1	5	6	5	4	1					
TOTALS	0	5	5	71	48	57	33	14					

DEATHS - L.P.D. - TIME AFTER REPORT OF CASE - 1970

NO. CASES REPORTED PRIOR TO DEATH - WITHIN 1 YEAR -	10	42%
" 1-2 YEARS -	3	12.5%
" 3-4 YEARS -	3	12.5%
4 YEARS AND OVER	4	16.5%

NO. CASES REPORTED AFTER DEATH -	4	16.5%
TOTAL DEATH -	24	100.

NO. NEW, ACTIVE TB CASES FOR 1970 - 275

Classification of Cardiac Cases

Hypertension . . . . .	423
W.P.W. Syndrome . . . . .	0
Arteriosclerosis . . . . .	73
Peri Carditis . . . . .	0
Hypertensive Heart Disease . . . . .	78
Rheumatic Heart Disease . . . . .	16
Pulmonary . . . . .	25
No Heart Disease . . . . .	131
Undiagnosed Manifestations . . . . .	26
Luetic . . . . .	9
Thyroid . . . . .	2
Cor. Pulmonale . . . . .	1
Unknown Heart Disease . . . . .	21
Coronary . . . . .	11
C.V.A. . . . .	5
Congenital Heart Disease . . . . .	1
Heart Block . . . . .	3
Angina . . . . .	11
Anemia . . . . .	1
Obesity . . . . .	15
Aneurysm . . . . .	2
Siliopathic . . . . .	7

## PAROCHIAL SCHOOLS

SCHOOL YEAR SEPTEMBER 1969 -  
JUNE 1970

Michael J. Fratanuto, M.D., Assistant Health Officer  
Helen Desmond, R.N., B.S., Public Health Nurse Supervisor  
William P. Wheaton, R.N., B.S., Public Health Nurse Supervisor  
Helen Breitstadt, B.A., Social Worker.

The Bureau of Parochial Schools has the responsibility of providing Health (Medical, Nursing and Social Work) Services to the 13,887 students who are enrolled in:

- 24 Elementary Schools
- 3 High Schools
- 1- 2 year Commercial School
- 1 Special Education School.

The School Health Program attempts to provide optimum health for all students. The Programs carried out follow the standards set by the New Jersey State Department of Education. Direct Health Services by the Physicians and the Public Health Nurses are given in the following areas:

Eye Screening	Health Education
Audio Screening	Follow-up on Defects
T. B. Testing	Dental Health
Physicians' Examinations	School Environment In-
Nurses' Appraisals	spection
Immunizations	Health Talks to P.T.A. Groups
First Aid	Health Counseling to In-
	dividual students and Parents.

In the Fall of 1969 the Parochial School personnel in conjunction with representative of the State Department of Health immunized 80% of the students in the grades of Kindergarten through the 4th, with Rubella (German Measles) Vaccine.

Naturally, for any type of Health Program to be successful, there must be close cooperation between the Nurse, the Principal and the Teacher.

Statistical Report of work done will follow.

The Social Worker assigned to the schools works in cooperation with the Parochial School Principals and Nurses on referrals submitted by them regarding students' problems of health, socio-economics, etc.

The Social Worker's chief resources for referrals are Guidance and Health Clinics, Welfare and various Community Agencies for care and services as required.

The object and function of the Social Worker is to assist the Parochial School children in their total development by Counseling, Interpretive Guidance, Moral and Emotional Support rendered to the family, according to their needs.

Of the 148 cases referred and accepted during the 12 month period, 26% were due to Multiple Problems, that is, more than one major problem existing in the family, thus resulting in a wide range of Psycho-Social problems, which in combination, intensify and augment social dysfunctions. Twenty-two per cent were referred due to Parental Indifference and Neglect. Economic Deficiency- 15%. Health, both Mental and Physical Problems- 16%, Behavioral Problems- 13%, and Miscellaneous Problems- 7%, for problems other than the above-mentioned, examples, Disruptive home situations, Marital conflict, lack of comprehension in ethnic groups due to language barrier, or no knowledge of the public resources available to them.

<u>School Health Activities</u>		<u>1969- 1970</u>
<b>Health Services by- *</b>		
Private physicians		2,127
Clinic physicians		341
Private dentists		806
Health division dental clinics		779
School physicians-	Health examinations	7,258
School nurses-	Health appraisals **	10,151
	Class inspection of children	723
	School exclusions	1,890
	First aid	7,922
	Audiometric screening	7,449
	Defects referred	130
	Vision screening	12,890
	Defects referred	1,895
	Telephone calls	12,661
	Classroom talks	340
	Office conferences with principals, teachers, pupils, parents, others	33,773
<b>Immunizations-</b>		
	Smallpox	1,780 (1,306 Pos.)
	Diphtheria-tetanus	154
	Diphtheria-tetanus booster	1,165
	Measles	39
	Rubella	4,030
	Oral Sabin trivalent	443
	Influenza vaccine (adult)	39
<b>Tuberculin Tests-</b>		
	Tines	3,749
	Positive tuberculins reported	25

\* Reports are recorded on child's health record.

\*\* Includes teeth, posture, nose and throat, hair and scalp, skin, speech, behavior, others.

Parochial Schools (cont'd)

SCHOOL HEALTH ACTIVITIES

Health Program- Defects noted in school children

	<u>1969- 1970 School Year</u>	
<u>Type Defect</u>	<u>Found</u>	<u>Corrected</u>
Dental	5,981	1,487
Vision	1,895	943
Hearing	130	66
Old	58	40
Cardiac	128	77
New		
Nutrition	143	33
Orthopedic or posture	20	20
Tine tuberculin reactors	25	25
Other health problems **	950	1,348 *

\* Includes defects previously found, which were corrected or remedied this year.

\*\* Includes Nose-throat, skin, personal hygiene and other conditions not included in above listings.

# Parochial Schools (cont'd)

## SOCIAL WORK ACTIVITIES 1970

### INTAKE

Referrals received	148
Referrals accepted	148
Referrals rejected	0

### CASE LOAD COUNT

New cases	140
Cases re-opened	8
Cases carried over from previous year	34
Total cases	182
Cases closed during year	137
Cases on books end of year	45

### PROCEDURES

#### Interviews

With parents	227
With children	83
With other interested and informed parties	188
Total	498

#### Visits

To homes, hospitals, schools, agencies, clinics	294
---	-----

#### Conferences

##### Schools

a. Principals	117
Nurses	19
Teachers	12

##### b. Monsignors

Pastors and priests	7
---------------------	---

##### c. Social agencies

d. Hospital and clinics	24
-------------------------	----

##### e. Inter-Departmental

Total	12
-------	----

#### Telephone Calls

Incoming and outgoing	383
Correspondence	907
Total	283



Parochial Schools (cont'd)

SOCIAL WORK ACTIVITIES (Con't.)

Source of Referrals received

Parochial Schools

- a. Principals and nurses
- b. Monsignors and priests
- c. Mt. Carmel Guild
- d. Intra- department

Referrals made to other agencies

Mt. Carmel Guild Multi Services	47
Associated Catholic Charities	12
Bureau of Children's Services	10
Welfare Agencies (Essex County Welfare and Newark Dept. of Welfare)	13
Newark Board of Education	15
N. J. Rehabilitation Comm.	7
Legal Services	2
N.J. Assoc. for Retarded Children	2
N.J. Food Stamp Program	7
United Community Council Area Boards	3
Division of Health Medical and Dental Clinics	18
Newark Housing Authority	5
Medicaid	7
Community Nursing Service	5
Social Security Office	8
Skilled Center	3
Child Service Assoc.	4
N. J. Community Union	2
Council of Social Agencies- Summer Camps	3
Youth Aid Bureau	1
Total	174

## CHILD HYGIENE

William J. Spinosa, M.D.

Sup'v. Physician - Child Hygiene Bureau

The prime purpose of the Child Hygiene Bureau is the supervision of infants and children, birth to four years of age, and retarded children to age thirteen. Such supervision carried on in the home and Child Health Conference session aids at providing the necessary physical examinations and instructions to parents so that these infants and children will attain their maximal potential both physical and mental. To this end fifteen Child Health Conference areas are strategically located throughout the City. Each Child Health Conference session is directed by a physician with two public health nurses.

### THE PHYSICIAN AND NURSING DUTIES INCLUDE

1. Health appraisal
2. Counseling and guidance of the parent
3. Health history
4. Detection of deviations from normal or expected growth & development
5. Referral to other sources of care and services when indicated
6. Protection against communicable diseases
7. Group education and discussion with parents
8. Liaison with other community groups interested and concerned with infant and pre-school health and the environment, physical and emotional, in which the child lives
9. Physician in-service program
10. Home visiting program by public health nurses

Pre-conference talks to the assembled mothers by the Child Health Conference physician were again stressed.

We were somewhat gratified to see that the infant mortality rate in 1969 had decreased to 28.9 from 35.2 in 1968. In view of the fact that most of the deaths were in the first few days of life mainly from congenital defects or malformation among premature infants; we can never stress enough the importance of proper pre-natal care during pregnancy to further decrease the infant mortality rate. In 1970 our rate showed a slight rise to 29.1 from 28.9

During 1970 various Child Hygiene Stations were designated as locations for the collection of urines for testing for Aminolevulinic Acid in our lead poisoning screening program on a year round basis.

Another program instituted was service to mothers by Family Planning personnel who were allotted time and space during the Child Health Sessions.

# Child Hygiene (cont'd)

<u>BUREAU ACTIVITIES - HOME VISITS*</u>	<u>1969</u>	<u>1970</u>
Total Home visits made by Public Health Nurses	11,766	10,880
Visits to Mentally Retarded Children	188	259
Visits to Children in City Licensed Boarding Homes	60	29
Visits to premature infants	755	680
Referrals from New Jersey State Department of Health for Investigation of Unattended Births	85	111
Lead Poison Control Visits	186	1,888
Accident Control Visits	95	59
Referrals for Investigation and follow-up from Maternity Infant-Care Project	87	70
Health Promotion Visits by Public Health Nurses	10,310	6,934
 <u>LEAD POISON CONTROL PROGRAM</u>	 <u>1969</u>	 <u>1970</u>
Cases Investigated by Public Health Nurses	183	510
Cases referred to Sanitary Bureau for Housing Inspection	183	519
Urines Tested for Aminolevulinic Acid	1,923	3,299
Urines positive for Aminolevulinic Acid	99	537
Reported cases diagnosed as Lead Poisoning	72	146

\* Home Visits - These figures are included in the Public Health Nursing Report

# Child Hyg. (cont'd)

## INFORMATION CONCERNING BIRTHS & DEATHS

	<u>1969</u>	<u>1970</u>
Total Births in Newark	9,904	9,946
Delivered in Hospitals	9,775	9,805
Delivered at Home	128	137
By Physician	34	46
By Other	94	91
Total Stillbirths	197	187
Total Deaths Under One Year	265	277
% Infant Mortality per 1000 Births	26.9	29.1
% Deaths Under One Month per 1000 Births	2.2	1.5
% Deaths Under One Week per 1000 Births	5.9	8.5
% Deaths Under One Day per 1000 Births	11.1	10.6
% Stillbirths per 1000 Deliveries	21.5	18.5

## CHILD HEALTH CONFERENCE SESSION REPORT

	<u>1969</u>	<u>1970</u>
Total Number of Sessions	1,815	1,768
New Cases	4,536	4,482
First Visit This Calendar Year of Previously Carried Case	5,982	5,510
Re-Visits This Calendar Year		22,280
Total Attendance	33,328	32,272
Complete Examination by Physician		17,153
Other Services Only		15,119
DPT First Injection		3,144
DPT Second Injection		2,989
DPT Third Injection		2,536
DPT or DT Booster		1,303
Fed. DT (other than boosters)		58
Oral Polio Trivalent - First Dose		3,347
Oral Polio Trivalent - Second Dose		3,157
Oral Polio Trivalent - Third Dose or Booster		4,109
Measles Vaccine		2,441
Smallpox Vaccine		1,955
Rubella Vaccine (German Measles)		1,260
Tuberculin Test		2,631
PKU Test		5,639
Vision Screening		180
Hearing Screening		165
Referral for medical or Dental Care		1,161

Child Hyg. (cont'd)

CHILD HEALTH CONFERENCE STATIONS

<u>DAY</u>	<u>HOOR</u>	<u>STATIONS</u>	<u>LOCATIONS</u>
<u>Monday</u>	8:30 A.M.	289 So. Orange Ave.	
	8:30 A.M.	Hayes Homes	7-17th Ave.
	8:30 A.M.	Mt. Calvary Church	235 Seymour Ave.
	8:30 A.M.	St. Rocco's Church	208 Hunterdon St.
	8:30 A.M.	St. Columba's School	23 Pennsylvania Ave.
	8:30 A.M.	200-16th Ave.	
	12:30 P.M.	Wright Homes	159 Spruce St.
	12:30 P.M.	289 So. Orange Ave.	
	12:30 P.M.	200-16th Ave.	
	12:30 P.M.	Mt. Calvary Church	235 Seymour Ave.
<u>Tuesday</u>	8:30 A.M.	Walsh Homes	1945 McCarter Hwy.
	8:30 A.M.	289 So. Orange Ave.	
	8:30 A.M.	Hayes Homes	7-17th Ave.
	8:30 A.M.	Beth Israel	201 Lyons Ave.
	12:30 P.M.	St. Michael's Hospital	306 High St.
	12:30 P.M.	Babies Hospital	15 So. 9th St.
	12:30 P.M.	Wright Homes	159 Spruce St.
<u>Wednesday</u>	8:30 A.M.	St. Columba's School	23 Pennsylvania Ave.
	8:30 A.M.	St. James Hospital	155 Jefferson St.
	8:30 A.M.	Mt. Calvary Church	235 Seymour Ave.
	12:30 P.M.	St. Michael's Hospital	306 High St.
	12:30 P.M.	Babies Hospital	15 So. 9th St.
	12:30 P.M.	Hayes Homes	7-17th Ave.
	12:30 P.M.	Columbus Homes	112-8th Ave.
	12:30 P.M.	200-16th Ave.	
<u>Thursday</u>	8:30 A.M.	289 So. Orange Ave.	
	8:30 A.M.	St. Rocco's Church	208 Hunterdon St.
	8:30 A.M.	Walsh Homes	1945 McCarter Hwy.
	8:30 A.M.	Babies Hospital	15 So. 9th St.
	8:30 A.M.	Beth Israel Hospital	201 Lyons Ave.
	12:30 P.M.	Wright Homes	159 Spruce St.
	12:30 P.M.	St. James Hospital	155 Jefferson St.
	12:30 P.M.	Kretchmer Homes	85 Ludlow St.
<u>Friday</u>	12:30 P.M.	St. Michael's Hospital	306 High St.
	12:30 P.M.	200-16th Ave.	

## PUBLIC HEALTH NURSING

Mary J. Hoban, R.N., M.A., Director

The Public Health Nursing Service is a vital and indispensable element in the Welfare of the community.

The aims of the service, is to provide comprehensive health services to the citizens of Newark.

These services include: Health Promotion, Education, Prevention, Detection, Maintenance and Rehabilitation. Nursing services are given in the Dispensary Clinics, Parochial Schools, Child Health Conference Stations and in the home.

The total nursing staff for 1970 consists of Nine (9) Licensed Practical Nurses, Thirty Nine (39) Registered Public Health Nurses, Seven (7) Registered Public Health Nurse Supervisors and Assistant Supervisors, One Director of Nurses and One Assistant Director of Nurses.

During 1970, the services of a part-time Nutritionist was contracted for by the Health Officer with the Community Nursing Service of Essex and West Hudson.

The Nutritionist's duties relates to the Diabetic and Cardiac patients, with a portion of her time allotted to the mothers in the Child Health Conference Stations to direct their diet problems.

This position was left vacant through the resignation of the Nutritionist in September, 1970 and to date remains unfilled.

There were Two Social Service workers assigned to the Nursing Bureau who worked closely with the nurses in providing for necessary ancillary services with Community Health and Social Agencies.

One of our Social Service workers was terminated in 1970, the other is assigned to the Parochial School Bureau leaving a pertinent need for a Social Worker in the general field area.

## Public Health Nursing (cont'd)

During 1970, a program was planned and implemented with the Health Officer and the New Jersey College of Medicine & Dentistry.

Health referrals are to be made from the Pre-Natal center and the Pediatric Department at Marlband Hospital, to the Public Health Nursing Services.

During the past year a co-operative program between the Division of Health and Family Planning Services, has been offered in the Newark Hospitals under the direction of the New Jersey College of Medicine & Dentistry.

Activities are in process at present to coordinate Health Services to residents with the Model Cities area.

Public Health Nursing Service co-operates also with the Rutgers and Seton Hall Universities in allowing for field observation for their Student Nurses and Social work Students.

Staff Education of our Nursing Personnel is an, on going process which includes Conferences, Speakers, Work-Shops and Seminars.

The problem of concern with our Nursing Bureau at present, is the lack of sufficient nursing personnel. This problem of inadequate personnel diminishes our services to the community.

Public Health Nursing was evaluated by the State Nurse Consultant of the New Jersey State Health Department. Conferences were held by her with the Nursing Director, Assistant Director, Supervisory personnel and some staff members.

### LIAISON SECTION:

A part time Public Health Nurse continued to operate as a liaison between Hospitals, Agencies and the Division of Health Services until October 1970 when funds were suspended. The activities were mainly in the Tuberculosis Control and the Lead Poison Control Program.

## Public Health Nursing (cont'd)

### DISPENSARY:

Staff of dispensary includes the dispensary services which includes Tubercular Clinics, Chest Disease Clinics, Venereal and Skin Disease Clinics, Jerec's Program, and other services such as health examinations for various groups. (SEE DISPENSARY REPORT.)

Patients who are unable to come to the dispensary, are serviced by the dispensary through a nurse to the dispensary.

Patients who are unable to come to the dispensary for eligibility for health insurance are serviced by the dispensary. Referrals to Agencies, Hospitals and other health services are made by the Public Health Nurses.

Patients who are unable to come to the dispensary for correspondence requesting health insurance are serviced by the dispensary. Referrals to Agencies, Hospitals and other health services are made by the Public Health Nurses.

### PAROCHIAL SCHOOLS:

Patients who are unable to come to the dispensary for health insurance are serviced by the dispensary. Referrals to Agencies, Hospitals and other health services are made by the Public Health Nurses.

Patients who are unable to come to the dispensary for health insurance are serviced by the dispensary. Referrals to Agencies, Hospitals and other health services are made by the Public Health Nurses.

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(SEE PAROCHIAL SCHOOLS REPORT)



DISTRICT NURSING SERVICE

Laura	Fograniczny,	R.N.,	B.S.	Public Health Nurse Supervisor
Ruth	Weber,	R.N.,	B.S.	Public Health Nurse Supervisor
Zoraida	Rubi.	M.S.		Social Worker

Programs relating to education, prevention, detection, treatment and control of illness and rehabilitation are carried out by the public health nurses. Nursing services in these areas are provided on a family centered basis to individuals and groups in order to promote optimal health. Specific home nursing care is given to tuberculosis patients through injections and skin testing of contacts.

Referrals for home visits are received from hospitals, health and social agencies private physicians and the community. Request for service cover maternal and child health areas, mental retardation, accident and lead poison control, tuberculosis control, venereal control, chronic illness and health promotion in general.

Public health nurses also provided nursing service for thirty two (32) Child Health Conference sessions located in fourteen (14) areas throughout the City.

District nursing services is actively involved in the tuberculosis control program through services to diagnosed cases and contacts. Case findings and education are carried out through the public health nurses home visiting.

Public Health Nursing visits in other areas are made primarily on a referral basis from hospitals, clinics, and the community. It must be pointed out that a good number of referrals received concern questionable health care and neglect, which upon evaluation require health education and socio-economic help.

During 1970, the public health nurses participated with Rutgers University and Seton Hall University Colleges of Nursing to provide field observation visits for nursing students in the home and at the Child Health Conference sessions.

District Nursing Services were handicapped by the loss of the services of the social worker in September 1970. At that time, it became necessary for the two public health nurse supervisors to assume the responsibility of referrals, follow-up and assistance for the numerous social problems encountered by the public health nurses.

During April and May, 1970 district nursing services were evaluated by the public health nurse consultants of the State Department of Health. Conferences were held with the supervisors and staff, and home visits were made by the State Consultant with several public health nurses in addition to visits

## Public Health Nursing (cont'd)

to various Child Health Conference sessions.

The Lead Poison Program was a very comprehensive program in 1970. DR. Browder coordinated the services between the four participating hospitals and public health nursing. Monthly meetings were held to familiarize ourselves with others' views to the total flow of information regarding lead poison.

Through a concentrated education and service program, the public health nursing service was actively involved.

The elevated blood leads that resulted from the LEAD DAYS, sponsored by the community and the N.J. College of Medicine & Dentistry were followed up by the public health nurse home visits with referrals to the proper hospitals for treatment, and referrals to the Sanitary Bureau for housing inspections.

The urine program was another means of case findings. Urines were collected at the Child Health Conference stations for the ALA tests. Positive results were referred back to the public health nurse for a home visit, and referral of the address for housing inspection, and referral of the parent with the child to a medical source for health evaluation. Follow-up care is given to those children who are reported suspect or diagnosed lead poisoning.

In September 1970, the services of the social worker were terminated, thus resulting in a serious loss of service to patients. The social worker who was bi-lingual in Spanish and English, handled all public health nursing referrals. Her close relationship and ability to function with hospitals, welfare and community agencies, resulted in additional referrals and assistance, Particularly with the bi-lingual problems.

SEE ANNUAL REPORT which follows for classification and statistical data of Public Health Nursing and Social Services rendered.

SEE CHILD HYGIENE BUREAU ANNUAL REPORT for Public Health Nurses' services rendered at the Child Health Conference sessions.

# ANNUAL REPORT 1970

Bureau of Public Health Nursing  
District Nursing Service

## CLASSIFICATION OF VISITS

	NEW CASES VISITS	Old Case VISITS	RE VISIT	TO ALL VISITS	NO. HOME CONTRACT	TERMINATIONS	UNDER 1 YEAR	AGES	1-10 YEARS	10-20 YEARS	20-35 YEARS	35-45 YEARS	45 YEARS-UP
Maternity - Inter...	44		23	65		40		22	44				
Unattended Birth Investigation	21	1		5		1		1	3	1			
Prematurity	105		6	111		72	1	25	85	1			
Leading Home Mental Health, Education	227	18	375	620		86	59	16					
Accident Control	51	2	6	59		46	1	49	9				
Lead Poison Control	510	74	1304	1888		74	42	1550	293				
Health Promotion	2069	775	4790	6634		1635	4748	1984	135	41	9	5	
Cancer Control - Cancer Reg.	3		3	6		1	1	1	4				
Diabetes Control	1	1	12	14			2	12					
Cardiovascular		2	5	7		1	1	2	3				
Veneral Disease	6	1	1	8			4	2	2				
Tuberculosis Control - Patient	150	46	60	165		112	39	88	188	170	71	15	
- Contact	165	6	82	253		137	32	190	332	247	131	26	
Total Visits	467	245	10,080	10,792		2215	5543	4005	1154	609	222	48	

4276

Tuberculosis Control Program	Total	Lead Poison Control Program	Total
Home Visits Total	115	Home Visits Total	510
Contact	259	Referral to Medical Sources for Investigation	565
Referrals to Chest Clinic	82	Referral to Sanitary Bureau for Investigation	519
Home Evaluations	21	Home Screening	Positive Negative
Interventions	12	Home Screening Acid Test	537 2762 3299
TB Test Reading	35		

Public Health Nursing (cont'd)

Home Visits Case Load	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
New Cases	327	253	349	330	318	394	308	340	324	177	140	188	3448
New Current Year Previously Carried	397	254	161	87	41	13	5	4	-	1	2	2	967
Total	724	507	510	417	359	407	313	344	324	178	142	190	4415
Terminations (cases visited this year)	136	96	193	217	188	197	109	268	276	202	151	175	2208

Number telephone calls made by Public Health Nurse to agencies, families, etc. 1,216

Visits and talks by nursing personnel to agencies, organizations, etc. .... 1

Visits by Community and Health agency personnel to Community Nursing Service activities. .... 4

Student Nurses - Field experience with Community Nursing Service. .... 11

- Field observation with Community Nursing Service. .... 47

Total number Child Health Conference sessions services by Public Health Nurses 1,768

Total number hours by Family Planning Assistants at Child Health Conferences 1,278 hr

Referrals	Hosp. Inst.	Agency	Hlth. Dept.	San. Insp.	Soc. Wrkr.	St.Hlth Dept.	Other	Total
To District Nursing Service	596	228	242			105	2	1173
By District Nursing Service	70	25	11	316	57		1	480
Total	666	253	253	316	57	105	3	1653

LIAISON NURSE ACTIVITIES

Visits to Agencies 16

Visits to Hospitals 43

Visits to Institutions 8

Patients interviewed at Verona 72

Visits to private physicians 20

## PUBLIC HEALTH NURSING SERVICES - SOCIAL WORK ACTIVITIES - 1970

Zoraida Rubi, M.A., Social Worker

Intake

Referrals Received	218
Referrals Accepted	215
Referrals Withdrawn	3
Total	215

Case Count

New Cases	49
Cases Reopened	6
Cases Carried Over	66
Total Cases	121
Cases Closed	25
Year End Total	96

Procedures:Interviews

With the Cases	97
With Other Interested & Informed Parties	132
Total Interviews	229

Visits

Home	101
Child Health Stations	15
Other Agencies	82
Hospital or Clinic	35
Total Visits	233

Conferences

Intra-Department	487
Inter-Department	106
Other Agencies	230
Total Conferences	823

<u>Correspondence</u>	62
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Services Rendered

Interpreter	96
Referrals to Other Agencies	65
Guidance	138
Occasional Services	165
Miscellaneous Services	31
Total Services Rendered	495

# SOCIAL WORK ACTIVITIES (Con't.)

## Source of Referrals received:

Public Health Nurses	211
Essex County Welfare	2
Family Planning	1
Neighborhood	1
Field Orientation Center for the Under-privileged Spanish (F.O.C.U.S.)	<u>2</u>
Total	218

## Referrals made to Agencies:

Mt. Carmel Guild Multi-Services	6
Welfare Agencies	7
Newark Day Care Program	1
Legal Services	5
Bureau of Children's Services	7
Family Planning	2
Field Orientation Center for the Under-privileged Spanish (F.O.C.U.S.)	3
N.J. Rehabilitation Commission	1
Newark Police Community Bureau	2
Board of Education	2
N.J. Association for Retarded Children	2
Diabetic Camp	1
Health Services	<u>26</u>
Total	65

## DENTAL HEALTH

Harold R. Harlan, D.D.S., M.F.H., Supv. Dentist  
Walter Reilly, D.D.S., Ass't. Supv. Dentist  
Frank D'Elia, D.D.S., Asst. Supv. Dentist  
Gladys Badger, R.D.H., Dental Hygienist

The Dental Health Program during 1970 continues to include dental care for the disadvantaged applicants of the Anti-Poverty Programs of the City of Newark, namely, T.E.A.M., S.E.E.D., Pre-School Council and Drug Abuse Agencies.

The changing population of the city imposes an administrative and operative block in controlling patient load. The program continues to emphasize Preventive Dentistry for children of the elementary grades in the Parochial and Public Schools through early case findings, dental health education and follow-up procedures. These measures are facilitating corrective and completion treatments to initial cases and incremental maintenance care to old cases.

The mechanism of early case finding and follow-up is maintained in the Parochial School population through the Dental Hygienist, examining dentists, school nurses and Principals. The Public School children are surveyed by the supervising dentist of the Board of Education, and these children are referred to the Bureau of Dental Health for treatment services. The follow-up technique includes a re-evaluation of all Parochial children examined during a three months period. All dental defects that have not been corrected are then brought to the attention of the school nurse and parent for further disposition. All children admitted for treatment must present medical and social service clearances which are initiated by the school nurse. This policy of dental defect awareness has resulted in directing more children to treatment in private offices and our clinics.

The role of the Dental Hygienist is of great importance in the area of Dental Health Education through all year round activities in the Parochial Schools, namely, class room lectures in Dental Hygiene, free toothbrush distributions, toothbrush demonstrations, visual aids, moving pictures, film strips, nutritional instructions and parent conferences. The hygienist is the liaison with the Parochial School system in arranging the surveys, lectures and appointments.

The Dental Bureau through the Dental Hygienist was coordinating with City Hospital in a new expanded project of Maternal and Infant care for pre-natal adolescent mothers in the areas of Dental Health counseling and referral of these

patients for necessary dental care. At the Baby-Keep-Well stations, the young mothers received dental health counseling and referral for dental care for themselves and their infants and pre-school children.

Chairside dental hygiene instructions are given to each patient at the initial visit by dental clinician.

In the areas of prevention and control, topical applications of Stannous Fluoride are routinely utilized for all clinic patients ages 2 to 13. This preventive procedure, along with good tooth brush habit, balanced nutritional diet, emphasizing a low in-take of sugar-rich foods and regular routine dental maintenance care, are measures which are proving effective in reducing dental decay in our school children.

We renewed our efforts to accomplish the fluoridation of our community water supply to effectively reduce the high incidence of dental caries. It is estimated that up to two-thirds of dental caries in the younger age group might have been prevented if fluoridation of the public water had been adopted in Newark.

Specialized services in the fields of endodontics, oral surgery and preventive orthodontics are carried out by assigned dental specialists.

The six clinic facilities are located in Parochial Schools, housing projects, boys' clubs and the Health Department, serving indigent children in both Public and Parochial Schools.

Adult dental care consists of examination, diagnosis, x-rays, extractions, fillings and periodontal treatments.

We hope to increase productivity through additional personnel and reopening several clinics now closed due to lack of funds.

"Dental Health is fundamental to economic self-sufficiency."



DENTAL REPORT

	<u>1969</u>	<u>1970</u>
Number of Individual Children	4,218	3,553
Number of Children Visits	10,288	9,621
Number of Children Treatments	18,484	18,236
Number of Individual Adults	860	1,136
Number of Adult Visits	2,484	2,591
Number of Adult Treatments	2,810	3,214
Number of Dental X-Rays	5,819	4,212
Number of T.E.A.M. Dental Examinations	1,844	1,961
<u>Dental Health Program in Parochial Schools</u>		<u>June Annual</u>
Children in need of dental care	4,004	1,265
Children not in need of dental care	2,192	1,172
Total children examined	6,196	2,437
Classroom lectures	166	73

## CITY DISPENSARY

Dr. Aaron Haskin, M.P.H., Health Officer,  
Dr. Michael Frattantuno, Assistant Health Officer,  
Violet Padula, R.N., Public Health Nurse Supervisor,  
Anne Kuehner, R.N., Assistant Public Health Nurse Supervisor.

The Newark Division of Health Clinics provide medical, dental, nursing, x-ray and laboratory services together with prescribed medications to needy residents of Newark. Eligibility determined by social case investigators, covers city welfare clients and medically indigent residents not covered by other welfare.

In 1970 a total of 1,346 patients made 17,189 visits to the therapeutic clinics in the City Dispensary. Visits to clinics in the Bureau of Chest Diseases, Mental, Skin and Venereal Diseases are noted elsewhere in the Division of Health Annual report.

A total of 1,451 visits were made to additional services including screening programs, health examinations for camp children, domestics, license applicants and new employees.

In addition to the above, an immunization clinic is conducted daily and in the fall of the year an influenza program is offered on a selective basis (see statistics below).

During 1970 the Public Health Nurses responded to 1,110 requests for medical information from health and social agencies, hospitals and private physicians on patients who attended the Dispensary Clinics.

Upon examination of the 1970 statistics compared with the 1969 figures (see statistical data) a drop in health services is evident. Reason for this drop is varied. During 1969 the Division of Welfare transferred a considerable number of welfare recipients to the Essex County Welfare Board. Due to this transfer health services were no longer given to these clients in the Division of Health. The Marlboro Hospital and other Newark Hospitals service many low income families in their clinics. Too, church and community groups have organized health services in various locals in the community.

<u>CLINIC SERVICES</u>	<u>1969</u>	<u>1970</u>	<u>IMMUNIZATIONS</u>	<u>1969</u>	<u>1970</u>
Allergy	1945	1606	Diphtheria, Pertussis, Tetanus	3074	2647
Chiropody	514	340	Diphtheria, Tetanus-Ped.	2020	1554
Eye	1478	1191	Diphtheria Tetanus-Adult	1405	1344
Gastro-Int.	298	269	Oral Polio Trivalent	4184	4735
Medical	8643	7895	Measles Vaccine	147	310
Medical Welfare Center	1908	1690	Smallpox Vaccinations	2188	2644
Metabolic	1642	1380			
Orthopedic	646	545	Influenza Vaccine	1801	2507
Others	654	351			
Pediatric	1514	1239			
Surgical	314	-			
Total Visits	19425	17189			
Total Patients Seen	3657	3346			

CITY DISPENSARY (cont'd)X-Ray Reports      1969   1970

Chest	4x4	7228	6311
Chest	14x17	7298	7794
Extremities		551	543
Gastro-Intestinal		407	330
Gall Bladder		80	28
Others		398	534
Total X-Rays		15962	15540

Social Service ReportsINTERVIEWS - ELIGIBILITY STATUS

<u>Interviews</u>	<u>1969</u>	<u>1970</u>
Accepted	3309	5616
Not Eligible	682	610
Review of Status	3639	4909
Total	7630	11135

OTHER SERVICES

<u>Health Examinations</u>	<u>1969</u>	<u>1970</u>
Camp Children	901	722
Domestic-Licenses	637	676
New Employees	1000	971

Home Visits By Physicians	57	-
Patients Sent to Hospitals from Dispensary	126	84

DETECTION CLINICS

Pap Smears	169	136
Diabetic Screenings	53	45
Total Visits	2760	2550

DETECTION CLINIC - Pap Smear

Results	Class 1	114	73
	Class 2	54	73
	Class 3	1	-
	Class 4	-	-
Total Tested		169	136
Reports to Patients		169	134
Reports-Medical Serv.		55	68

DETECTION CLINIC - DIABETIC SCREENING

<u>Total Screened</u>	<u>Dextrostix</u>		<u>2 hr. post</u>		<u>Reports to:</u> <u>Patients</u> <u>Medical</u>	<u>Referrals to:</u> <u>Metabolic Clinic</u>
	<u>Pos.</u>	<u>Neg.</u>	<u>Prendial</u>	<u>Services</u>		
			<u>Pos.</u>	<u>Neg.</u>		
			<u>130 mg+</u>			
45	7	38	1	1	44	1
						3

## City Dispensary - Medical Evaluation Clinic

The Medical Evaluation Clinic was moved from the Welfare Department at 218 Market Street to 396 University Avenue (across the street from the City Dispensary) on the first floor on December 15, 1969.

This clinic is a joint effort of the Health Department and the Welfare Department. Its primary purpose is to establish the health status of those individuals who apply for relief because of ill health.

The Health Department supplies the medical part of the staff which consists of Dr. Samuel Proszansky, supervising physician, three (3) regular examining physicians, Dr. Louis Bender, Dr. Abraham Reich, Dr. Abraham Reinfeld, who work part time, and Mrs. Betty Ivy, Licensed Practical Nurse.

The Relief Department supplies the clerical part of the staff. This consists of Mrs. Elizabeth Leirstein, senior medical stenographer who acts in a supervisory capacity and who maintains liaison between Medical Evaluation Clinic and the Relief Department. She is assisted by Miss Norma Frazier.

Dr. Herbert Bocan, psychiatrist, withdrew from the Medical Evaluation Clinic in December of 1969.

A client who has applied for relief is referred to this Clinic by his caseworker. He is then given an appointment date for an examination. After the examination is performed he is referred to the City Dispensary for the basic laboratory work (chest x ray, Wasserman test, urinalysis). In addition he may be referred to any of the specialty clinics of cardiac, orthopedic, eye, etc. When these reports come in they are attached to the chart, which is then gone over by the supervising physician. On the basis of the information supplied by the examining doctor, the laboratory reports, and the specialty examinations, a diagnosis and prognosis can then be made by the supervising physician. If the client is determined to be disabled for less than six (6) months, an effort is made to rehabilitate him or to obtain a job which is within his capacity. If, however, the disability is such that he will be laid up for a period longer than six (6) months, then the caseworker will refer him to the Essex County Welfare Board.

Upon completion of cases they are sent to Mrs. DeBenedictis, Acting Administrative Supervisor of the Welfare Department, for further disposition.

Medical Evaluation Clinic (Cont'd)

<u>Month</u>	<u>Appointments Made</u>	<u>Patients Examined</u>	<u>Patients Failed</u>	<u>Patients Cancelled</u>
Jan.	138	81	37	20
Feb.	194	122	39	33
March	240	141	37	62
April	269	181	51	37
May	243	152	62	31
June	260	164	67	29
July	276	175	61	40
Aug.	115	75	31	9
Sept.	260	170	56	34
Oct.	246	156	66	24
Nov.	203	126	48	29
Dec.	254	144	77	33
Total ...	2700	1687	632	381

ESTIMATE LENGTH OF DISABILITY

<u>Month</u>	<u>Less than 2 months</u>	<u>2 to 6 months</u>	<u>Over 6 months</u>	<u>Over 1 year</u>	<u>Total</u>
Jan.	13	15	28	25	81
Feb.	12	52	27	31	122
Mar.	16	27	50	48	141
April	28	50	54	49	181
May	16	47	27	62	152
June	30	40	47	47	164
July	29	47	44	55	175
Aug.	5	23	24	23	75
Sept.	17	47	46	60	170
Oct.	13	45	39	59	156
Nov.	9	32	35	50	126
Dec.	13	43	37	51	144
Total .....	201	468	458	560	1687

## CITY DISPENSARY PHARMACY

Chief Pharmacist  
Ass't. Chief Pharmacist

Nicholas Schlimbracco, PHG, R.P.  
Samuel Talpins, PhG., R.P.

### Prescriptions

The Health & Welfare City Dispensary Pharmacy dispensed approximately 46,265 prescriptions for the year 1970. These prescriptions are filled for indigent patients who are treated at the City Dispensary and for Welfare patients who are unable to attend our clinics and are treated by physicians in the patient's home.

### Activities of the Pharmacy

Many preparations which are practical and economical to prepare are prepared in bulk by the pharmacists. The preparations of medications and the packaging of supplies to Parochial Schools, Child Hygiene Stations, and other school stations are a part of the routine pharmacy work. Records are also maintained numbering into the many thousands, for the distribution of Insulin and free State Biologicals to private physicians. It has also become necessary to have one (1) pharmacist go to Ivy Haven Nursing Home to dispense medications used in the Wards, once a week.

### Functions of the Pharmacy

The functions of the Pharmacy relate to the ordering and receiving of surgical supplies, drugs, surgical equipment, free State Biologicals, anti-biotics, narcotics, and also alcohol for manufacturing purpose and clinical use. Also raw materials are purchased for prescription compounding.

An accurate record is kept when biologicals are received including lot numbers and expiration date. Concurrent records are kept as to dates and quantities dispensed to clinics, physicians, Parochial Schools, and Child Hygiene stations. Records are sent to State Department of Health as to amounts of each biological dispensed from the Pharmacy.

After merchandise ordered is received the Purchase Orders are processed with receiving paper work for payment. A complete record of all drugs and surgical supplies and surgical equipment is kept in the Pharmacy Office.

A check as to dated drugs and other staple items are constantly scrutinized and these items are exchanged for new drugs if out-dated. Records are also maintained numbering into the hundreds for the distribution of Insulin and other diabetic drugs. These records are up to date and accurate because it is vital information so that the patient does not take an over-dosage of these drugs.

Drug salesmen are interviewed and professional discussions are held periodically relating to new drugs. Many times the Technical Service Department of our contract Vendors have to be called for information not contained in the brochure with the drug.

The pharmacy maintains at all times a well stocked supply of modern-up-to-date drugs, anti-biotics, polio vaccine as well as measles virus vaccine.

PUBLIC HEALTH LABORATORIES

These laboratories make food, milk and water examinations for the Health Division and diagnostic tests for local hospitals, physicians and Health Division Clinics.

Frank Giasulli, Chf. Supv. Pub. Hlth Lab.  
Meyer Levy, B.Sc. - Chf. Serologist  
Sara Rothberg, B.S. - Chief Chemist  
Guido Petruccielli, B.A. - Chf. Bact.

<u>1 2 7 0</u>			<u>1 2 6 2</u>	
<u>Serological &amp; Hematol.</u>	<u>Total</u>	<u>Reactive</u>	<u>Total</u>	<u>Reactive</u>
Premarital (V.D.R.L.)	3,218	19	4,097	2
Prenatal "	7,672	148	7,554	8
Domestic "	980	2	1,081	4
Priv. Doctors "	10,148	368	11,477	368
Dispensary "	7,101	142	15,052	468
Laetic Clinic "	11,687	1,079	9,857	1,098
Quant. tests "	3,008	2,030	2,342	2,342
Hospitals "	7,312	727	9,300	343
Essex Co. Col. "	348	1	---	---
Pl. Parenthood "	4,787	40	---	---
Multi Phasic "	2,146	38	---	---
Team "	2,623	36	---	---
Total V.D.R.L. tests	61,030	4,630	60,760	4,265
Spinal Fluids	---	---	472	
R.H. Factor Det. pos	7,393		11,223	
R.H. " " neg	858		40	
"ALA" test for Lead	2,984	485	1,923	99
Heterophile test	---	---	---	---
Complete Blood counts	1,852		982	
Blood Chemistry	1,458		1,451	
Sedimentation Rate	88		195	
Bl. & Clot. time	2		2	
Urinalysis	10,175		10,703	
Total Serol. & Hematol.	85,840	485	88,608	99

(continued)

1270

1262

<u>Bacteriological</u>	<u>Total</u>	<u>Positive</u>	<u>Total</u>	<u>Positive</u>
Throat Cultures	35	2	66	0
Tuberculosis Sputa	1,762	64	2,861	71
Shigella - Feces	491	8	361	20
Feces - E. Coli	536	6	288	8
" - Salmonella	520	15	288	18
Ova & Parasites	380	11	517	32
Darkfields (Ven.Div.)	-	-	-	-
Rabies (Brain Exam.)	6	-	6	-
Vincent's Angina Smears	21	7	48	15
Trich. Vag.	-	-	-	-
Gonorrhoea Cultures	3,847	813	5,985	1,571
" Smears	16,029	5,705	10,782	5,959
Ophthalmic Gonorrhoea	4	-	8	1
Water-pool examinations	211	-	303	-
Milk & Cream exams.	2,660	-	3,357	-
Shellfish	12	-	46	-
Frozen Confections	231	-	65	-
Misc.exams.-foods, swabs for utensils, rinse water, pollen, army	-	-	-	-
T.B. cultures	1,489	-	5,686	-
<b>Total Bacteriology</b>	<b>28,234</b>	<b>6,633</b>	<b>30,667</b>	<b>7,695</b>

<u>Chemical</u>	<u>Total</u>	<u>Total</u>
Milk	2,377	2,861
Cream	795	870
Frozen Conf.	159	606
Pools - City water	171	317
Meat	341	254
Miscellaneous tests including LEAD *	5,382	3,083
<b>Total Chemistry</b>	<b>9,225</b>	<b>15,576</b>
# of determinations	(10,310)	
# of Below standards	( 455)	

NOTE: SPECIAL EXAMINATIONS, INCLUDED ADDED SULPHITES, EXCESSIVE FAT CONTENT IN MEATS, ARTIFICIAL COLORING AND FLAVORING, FAT PERCENTAGES, OILS, drugs, AS WELL AS ROUTINE TESTS OF SWIMMING POOL WATER FOR FREE CHLORINE, and pH.

TOTAL TESTS — ALL LABS.

123,299

134,851

\*In conjunction with community groups and the Health Division Environmental Sanitation Bureau, paint chip samples were analyzed for lead above the 1% level. This program is now in full operation in our Chemical Laboratory.





